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BEFORE THE ARIZONA CORPORATION COMMISSION 4: 32 1 AZ CORP COMMISSION 2 COMMISSIONERS DÖCKET CONTROL ona Compration Commission SUSAN BITTER SMITH -3 OCKFLED **BOB STUMP BOB BURNS** JUN 03 2015 DOUG LITTLE TOM FORESE 5 DOCKETED BY MAD 6 DOCKET NO. E-04204A-15-0142 IN THE MATTER OF THE APPLICATION 7 UNS ELECTRIC, INC. FOR THE ESTABLISHMENT OF JUST AND 8 NOTICE OF FILING REVISED REASONABLE RATES AND CHARGES SCHEDULES H-3 AND H-4 IN DESIGNED TO REALIZE A REASONABLE SUPPORT OF APPLICATION RATE OF RETURN ON THE FAIR VALUE OF THE PROPERTIES OF UNS ELECTRIC, INC. 10 **DEVOTED TO ITS OPERATIONS** 11 THROUGHOUT THE STATE OF ARIZONA AND FOR RELATED APPROVALS. 12 On May 5, 2015, UNS Electric, Inc. ("UNS Electric" or "Company"), through undersigned 13 counsel, filed with the Arizona Corporation Commission ("Commission") pursuant to A.R.S. §§ 14 40-250 and 40-251 and A.A.C. R14-2-103, an Application in the above-referenced docket. Since 15 the filing of the Application, the Company has had discussions with Commission Staff regarding 16 possible revisions to some of the information reflected in Schedules H-3 and H-4. Consistent with 17 such discussions, UNS Electric hereby files revised Schedules H-3 and H-4 to be included with its 18 19 Application. RESPECTFULLY SUBMITTED this 3rd day of June 2015. 20 21 UNS ELECTRIC, INC. 22 23 Bradley S. Carroll UNS Electric, Inc. 24 88 East Broadway, MS HQE910 25 P.O. Box 711 Tucson, Arizona 85702 26

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1	Michael W. Patten
2	Jason D. Gellman Snell & Wilmer L.L.P.
3	One Arizona Center 400 East Van Buren Street
4	Phoenix, Arizona 85004
5	Attorneys for UNS Electric, Inc.
6	
7	Original and 13 copies of the foregoing filed this 3rd day of June 2015, with:
8	Docket Control
9	Arizona Corporation Commission 1200 West Washington Street
10	Phoenix, Arizona 85007
11	Copies of the foregoing hand-delivered/mailed
12	this 3rd day of June 2015, to:
13	Jane Rodda, Administrative Law Judge Hearing Division
14	Arizona Corporation Commission 400 West Congress
15	Phoenix, Arizona 85701
16	Brian E. Smith
17	Bridget A. Humphrey Legal Division
18	Arizona Corporation Commission 1200 West Washington Street
19	Phoenix, Arizona 85007
20	Steve Olea, Director Utilities Division
21	Arizona Corporation Commission 1200 West Washington Street
22	Phoenix, Arizona 85007
23	David Tenney, Director Residential Utility Consumer Office
24	1110 West Washington Street, Ste. 220 Phoenix, Arizona 85007
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UNS Electric, Inc. Comparison of Present and Proposed Rates Test Year Ended December 31, 2014

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	Present Rate	Proposed Rate	\$	%
Residential Service CARES				
Basic Service Charge	\$4.90	\$9.00	\$4.10	83.67%
Energy Charge 1st 400 kWhs	\$0.018973	\$0.030810	\$0.011837	62.39%
Energy Charge, all additional kWhs	\$0.035400	\$0.050810	\$0.015410	43.53%
Base Power Supply Charge, all kWhs	\$0.061700	\$0.049260	-\$0.012440	-20.16%
PPFAC ¹	(\$0.002139)	\$0.00000	\$0.002139	100.00%
Residential Service				
Basic Service Charge	\$10.00	\$20.00	\$10.00	100.00%
Energy Charge 1st 400 kWhs	\$0.019300	\$0.030810	\$0.011510	59.64%
Energy Charge 401-1,000 kWhs	\$0.034350	\$0.050810	\$0.016460	47.92%
Energy Charge, all additional kWhs	\$0.038499	\$0.050810	\$0.012311	31.98%
Base Power Supply Charge, all kWhs	\$0.064510	\$0.049260	-\$0.015250	-23.64%
PPFAC1	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Residential Service Demand				
Basic Service Charge	N/A	\$20.00	N/A	N/A
Demand Charge, 1st 7 kW	N/A	\$6.00	N/A	N/A
Demand Charge, all additional kW	N/A	\$9,95	N/A	N/A
Energy Charge (kWhs)	N/A	\$0.010000	N/A	N/A
Base Power Supply Charge, all kWhs	N/A	\$0.049260	N/A	N/A
PPFAC'	N/A	\$0.000000	N/A	N/A
Residential Service Time-of-Use				
Basic Service Charge	\$11.50	\$20.00	\$8.50	73.91%
Energy Charge 1st 400 kWhs	\$0.030350	\$0,030810	\$0.000460	1.52%
Energy Charge 401-1,000 kWhs	\$0.030350	\$0.050810	\$0.020460	67.41%
Energy Charge, all additional kWhs	\$0.030350	\$0.050810	\$0.020460	67.41%
Base Power Supply Charge	ψ0.030330	\$0,000010	V 0.020400	01.4170
Summer On-peak, kWh	\$0.129605	\$0,101110	-\$0.028495	-21.99%
Summer Off-peak, kWh	\$0.039605	\$0.033900	-\$0.005705	-14.40%
Winter On-peak, kWh	\$0.129605	\$0.098960	-\$0.030645	-23.64%
Winter Off-peak, kWh	\$0.031385	\$0.033579	\$0.002194	6.99%
PPFAC1	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Residential Service Demand Time-of-Use				
Basic Service Charge	N/A	\$20.00	N/A	N/A
Demand Charge, 1st 7 kW	N/A	\$6.00	N/A	N/A
Demand Charge, 1st / kw	N/A	\$9.95	N/A	N/A
Energy Charge (kWhs)	N/A	\$0,010000	N/A	N/A
Base Power Supply Charge	IV/A	Ψ0.010000	(4/7)	14//5
Summer On-peak, kWh	N/A	\$0.101110	N/A	N/A
Summer Off-peak, kWh	N/A	\$0.033900	N/A	N/A
Winter On-peak, kWh	N/A	\$0.098960	N/A	N/A
Winter Off-peak, kWh	N/A	\$0.033579	N/A	N/A
PPFAC ¹	N/A	\$0.000000	N/A	N/A
Publication Coming Time of the Compa Pools				
Residential Service Time-of-Use Super Peak	\$11,50	#20 00	¢o En	73.91%
Basic Service Charge	\$0.025000	\$20.00 \$0.030810	\$8.50 \$0.005810	
Energy Charge all additional k\%/hs	·	\$0.030810 \$0.050810		23.24% 45.17%
Energy Charge, all additional kWhs Base Power Supply Charge	\$0.035000	\$0.050810	\$0.015810	45,1770
Summer On-peak, kWh	\$0.170000	\$0.149700	-\$0.020300	-11.94%
Summer Off-peak, kWh	\$0.039700	\$0.038250	-\$0.020300	-3.65%
Winter On-peak, kWh	\$0.150000	\$0.038230	-\$0.000300	-0.20%
Winter Off-peak, kWh	\$0.038700	\$0.038250	-\$0.000300	-1.16%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
	(40.002 (00)	45,00000	40.00m 100	. 30.0470

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	Present Rate	Proposed Rate	\$\$	%
Small General Service				
Basic Service Charge	\$14.50	\$30.00	\$15.50	106.90%
Energy Charge 1st 400 kWh	\$0.030176	\$0.039497	\$0.009321	30.89%
Energy Charge 401 -7,500 kWh	\$0.041042	\$0.049497	\$0.008455	20.60%
Energy Charge >7,500 kWh	\$0.076042	\$0.086950	\$0.010908	14.34%
Base Power Supply Charge, all kWhs	\$0.058241	\$0.048610	-\$0.009631	-16.54%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Small General Service Demand				
Basic Service Charge	N/A	\$30.00	N/A	N/A
Demand Charge, 1st 15 kW	N/A	\$6.85	N/A	N/A
Demand Charge, all additional kW	N/A	\$7.85	N/A	N/A
Energy Charge, 1st 7,500 kWhs	N/A	\$0.011100	N/A	N/A
Energy Charge, all additional kWhs	N/A	\$0.055000	N/A	N/A
Base Power Supply Charge, all kWhs	N/A	\$0.048610	N/A	N/A
PPFAC ¹	N/A	\$0.000000	N/A	N/A
Small General Service Time-of-Use				
Basic Service Charge	\$16.50	\$30,00	\$13.50	81.82%
Energy Charge 1st 400 kWh	\$0.030176	\$0.039497	\$0.009321	30.89%
Energy Charge 401 -7,500 kWh	\$0.043176	\$0.049497	\$0.006321	14.64%
Energy Charge >7,500 kWh	\$0.076042	\$0.086950	\$0.010908	14.34%
Base Power Supply Charges	\$0.070042	φ0.000330	\$0.010300	14.5470
Summer On-peak, kWh	\$0.129605	\$0,126510	-\$0.003095	-2.39%
•		\$0.033010	-\$0.006595	-16.65%
Summer Off-peak, kWh	\$0.039605	*	•	
Winter On-peak, kWh	\$0.129605	\$0.108510	-\$0.021095	-16.28%
Winter Off-peak, kWh	\$0.031385	\$0.032910	\$0.001525	4.86%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Small General Service Demand Time-of-Use				
Basic Service Charge	N/A	\$30,00	N/A	N/A
Demand Charge, 1st 15 kW	N/A	\$6.85	N/A	N/A
Demand Charge, all additional kW	N/A	\$7.85	N/A	N/A
Energy Charge, 1st 7,500 kWhs	N/A	\$0.011100	N/A	N/A
Energy Charge, all additional kWhs	N/A	\$0.055000	N/A	N/A
Base Power Supply Charge				
Summer On-peak, kWh	N/A	\$0.126510	N/A	N/A
Summer Off-peak, kWh	N/A	\$0.033010	N/A	N/A
Winter On-peak, kWh	N/A	\$0.108510	N/A	N/A
Winter Off-peak, kWh	N/A	\$0.032910	N/A	N/A
PPFAC ¹	N/A	\$0.000000	N/A	N/A
Medium General Service ²				
Basic Service Charge	\$50.00	\$100.00	\$50.00	100.00%
Demand Charge, per kW	\$12.81	\$13.05	\$0.24	1.87%
Energy Charge (kWhs)	\$0.005470	\$0.005500	\$0.000030	0.55%
Base Power Supply Charge, all kWhs	\$0.056603	\$0.048440	-\$0.008163	-14.42%
PPFAC ¹	(\$0.002139)	\$0,000000	\$0.002139	100.00%
Medium General Service Time-of-Use ²				
Basic Service Charge	\$52.00	\$100.00	\$48.00	92.31%
Demand Charge, per kW	\$12.81	\$13.05	\$0.24	1.87%
Energy Charge (kWhs)	\$0.005470	\$0.005500	\$0.000030	0.55%
Base Power Supply Charge	*********			
Summer On-peak, kWh	\$0.114886	\$0.109900	-\$0,004986	-4.34%
Summer Off-peak, kWh	\$0,039886	\$0,033500	-\$0.006386	-16.01%
Winter On-peak, kWh	\$0.114886	\$0.089900	-\$0.024986	-21.75%
Winter Off-peak, kWh	\$0.026168	\$0.031600	\$0.005432	20.76%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
·-	(+5.002100)	45.00000	40.00E 100	. 20.0070

UNS Electric, Inc. Comparison of Present and Proposed Rates Test Year Ended December 31, 2014

Increase

	Present Rate	Proposed Rate	\$	%
Large General Service				
Basic Service Charge	\$50.00	\$300.00	\$250.00	500.00%
Demand Charge, per kW	\$12.81	\$12,96	\$0.15	1.17%
Energy Charge (kWhs)	\$0.005470	\$0.005400	-\$0.000070	-1.28%
Base Power Supply Charge, all kWhs	\$0.056603	\$0.048400	-\$0.008203	-14.49%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
	(**************************************	*	V	
Large General Service Time-of-Use				
Basic Service Charge	\$52.00	\$300.00	\$248,00	476.92%
Demand Charge, per kW	\$12.81	\$12.96	\$0.15	1.17%
Energy Charge (kWhs)	\$0.005470	\$0.005400	-\$0.000070	-1.28%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.114886	\$0.145510	\$0.030624	26.66%
Summer Off-peak, kWh	\$0.039886	\$0.034510	-\$0.005376	-13.48%
Winter On-peak, kWh	\$0.114886	\$0.124510	\$0.009624	8.38%
Winter Off-peak, kWh	\$0.026168	\$0.032910	\$0.006742	25.76%
PPFAC1	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Large Power Service ³	¢4 200 00	#200 00	#000 00	75.000/
Basic Service Charge <69 kV	\$1,200.00	\$300.00	-\$900.00	-75.00%
Basic Service Charge ≥69 kV	\$1,200.00	\$1,200.00	\$0.00	0.00%
Demand Charge <69kV, per kW	\$22.00	\$12.96	-\$9.04	-41.09%
Demand Charge ≥69kV, per kW	\$17.00	\$12.48	-\$4.52	-26.59%
Energy Charge (kWhs) <69 kV	\$0.000462	\$0.005400	\$0,004938	1068.83%
Energy Charge (kWhs) ≥69 kV	\$0.000462	\$0.000520	\$0.000058	12.55%
Base Power Supply Charge, all kWhs <69 kV	\$0.041880	\$0.048400	\$0.006520	15.57%
Base Power Supply Charge, all kWhs ≥69 kV	\$0.041880	\$0.048410	\$0.006530	15.59%
PPFAC¹ <69kV PPFAC¹ ≥69kV	(\$0.002139) (\$0.002139)	\$0.00000 \$0.00000	\$0.002139 \$0.002139	100.00% 100.00%
	(+,	***********	******	
Large Power Service Time-of-Use ³	A 4 B 20 B 2	****	****	75.000/
Basic Service Charge <69 kV	\$1,200.00	\$300.00	-\$900.00	-75.00%
Basic Service Charge ≥69 kV	\$1,200.00	\$1,200.00	\$0.00	0.00%
Demand Charge <69kV, per kW	\$22.00	\$12.96	-\$9.04	-41.09%
Demand Charge ≥69kV, per kW	\$17.00	\$12.48	-\$4.52	-26.59%
Energy Charge (kWhs) <69 kV	\$0.000462	\$0.005400	\$0.004938	1068.83%
Energy Charge (kWhs) ≥69 kV	\$0,000462	\$0.000520	\$0.000058	12.55%
Base Power Supply Charge <69 kV	#0.400E00	00 445540	00.004000	47.750/
Summer On-peak, kWh	\$0.123580	\$0.145510	\$0.021930	17.75%
Summer Off-peak, kWh	\$0.024716	\$0.034510	\$0.009794	39.63%
Winter On-peak, kWh	\$0.093880	\$0.124510	\$0.030630	32.63%
Winter Off-peak, kWh	\$0.022105	\$0.032910	\$0.010805	48.88%
Base Power Supply Charge ≥69 kV	\$0.402E00	#0.400540	#0.004070	0.070/
Summer On-peak, kWh	\$0.123580	\$0.122510	-\$0.001070	-0.87%
Summer Off-peak, kWh	\$0.024716	\$0.032110	\$0.007394	29.92%
Winter On-peak, kWh	\$0.093880	\$0.092110	-\$0.001770	-1.89%
Winter Off-peak, kWh	\$0.022105	\$0.030910	\$0.008805	39.83%
PPFAC1 <69kV	(\$0.002139)	\$0.000000	\$0.002139	100.00%
PPFAC ¹ ≥69kV	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Large Power Service Mining (≥69kV)				
Basic Service Charge	\$1,200.00	\$1,200.00	\$0.00	0.00%
Demand Charge, per kW	\$17.00	\$12.48	-\$4.52	-26.59%
Energy Charge (kWhs)	\$0.000462	\$0.000520	\$0.000058	12.55%
Base Power Supply Charge, all kWhs	\$0.041880	\$0.048410	\$0.006530	15.59%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
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UNS Electric, Inc. Comparison of Present and Proposed Rates Test Year Ended December 31, 2014

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	Present Rate	Proposed Rate	\$	%
Interruptible Power Service				
Basic Service Charge	\$18.00	\$75.00	\$57.00	316.67%
Demand Charge, per kW	\$5.00	\$6.52	\$1.52	30.40%
Energy Charge (kWhs)	\$0.019408	\$0.019790	\$0.000382	1.97%
Base Power Supply Charge, all kWhs	\$0.043760	\$0.049821	\$0.006061	13.85%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Lighting Dusk to Dawn				
New 30' Wood Pole (Class 6) - Overhead	\$4,34	\$4.68	\$0.34	7.83%
New 30' Metal or Fiberglass - Overhead	\$8,66	\$9.35	\$0.69	7.97%
Existing Wood Pole - Underground	\$2.18	\$2.35	\$0.17	7.80%
New 30' Wood Pole (Class 6) - Underground	\$6.52	\$7.04	\$0.52	7.98%
New 30' Metal or Fiberglass - Underground	\$10.81	\$11.67	\$0.86	7.96%
Wattage, per Watt	\$0.051681	\$0.060516	\$0.008835	17.10%
Lighting Base Power Supply Charge, per kWh	\$0.010113	\$0.013110	\$0.002997	29.64%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
TOU - Medium General Service Schools (Formally TO	U - Small General Serv	vice Schools)		
Basic Service Charge	\$16.50	\$100.00	\$83,50	506.06%
Demand Charge, per kW	N/A	\$13.05	N/A	N/A
Energy Charge 1st 400 kWh	\$0.030176	\$0.005500	-\$0.024676	-81.77%
Energy Charge 401 -7,500 kWh	\$0.043176	\$0.005500	-\$0.037676	-87.26%
Energy Charge >7,500 kWh	\$0.076042	\$0.005500	-\$0.070542	- 92.77%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.137405	\$0.115600	-\$0.021805	-15.87%
Summer Off-peak, kWh	\$0.047405	\$0.039200	-\$0.008205	-17.31%
Winter On-peak, kWh	\$0.137405	\$0.095600	-\$0.041805	-30.42%
Winter Off-peak, kWh	\$0.039185	\$0.037300	-\$0.001885	-4.81%
PPFAC¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
TOU - Large General Service Schools				
Basic Service Charge	\$52.00	\$300,00	\$248.00	476.92%
Demand Charge, per kW	\$12.81	\$12.96	\$0.15	1.17%
Energy Charge (kWhs)	\$0.005470	\$0.005400	-\$0.000070	-1.28%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.120586	\$0.150210	\$0.029624	24.57%
Summer Off-peak, kWh	\$0.045586	\$0.039210	-\$0.006376	-13.99%
Winter On-peak, kWh	\$0.120586	\$0.129210	\$0.008624	7.15%
Winter Off-peak, kWh	\$0.031868	\$0.037610	\$0.005742	18.02%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%

¹ The Present Rate for the PPFAC is the Test Year average PPFAC, since the rate varies by month. The Proposed Rate is \$0.00, since the PPFAC rate will be reset to zero for one month when the new base rates become effective. However, the PPFAC rate will change monthly in all subsequent months by an amount defined in the proposed PPFAC POA. The Company has proposed the PPFAC be a percentage based adjustment that will be recalculated monthly and reflected as a single percentage based adjustment applied to base fuel cost for each rate class (e.g. the percentage adjustment will be the same percentage value regardless of the rate class).

² For the new Medium General Service and Medium General Service Time-of-Use rates, the Present Rate column is populated with the currently existing rates for Large General Service and Large General Service Time-of-Use, respectively, since these two new Medium General Service classes will be comparable to the former Large General Service classes.

³ The proposed Large Power Service rate classes will be restricted to customers with ≥69kV service. The Proposed Rate column for <69kV service is populated with the Proposed Rates from the corresponding Large General Service rate classes.</p>

UNS Electric, Inc. Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

RESIDENTIAL SERVICE

						BILL IMP	BILL IMPACTS CURRENT RATES	TES				
					Basic	Delivery	Delivery	Delivery				
	Total kWh	ا د	Delivery (kWh)		Service Charge	0-400 kWh	401-1,000 kWh	1,000+ kWh	TCA	Base Fuel	PPFAC	Net Bill
		0-400	401-1,000	1,000+	\$10.00	\$0.019300	\$0.034350	\$0.038499	\$0.001140	\$0.064510	-\$0.002139	
Xsmall	111	111	0	0	\$10.00	\$2.14	\$0.00	\$0.00	\$0.13	\$7.16	-\$0.24	\$19.19
Small	330	330	0	0	\$10.00	\$6.37	\$0.00	\$0.00	\$0.38	\$21.29	-\$0.71	\$37.33
Medium	664	400	264	0	\$10.00	\$7.72	\$9.07	\$0.00	\$0.76	\$42.83	-\$1.42	\$68.96
Large	1,144	400	900	144	\$10.00	\$7.72	\$20.61	\$5.54	\$1.30	\$73.80	-\$2.45	\$116.53
Xlarge	2,162	400	009	1,162	\$10.00	\$7.72	\$20.61	\$44.74	\$2.46	\$139.47	-\$4.63	\$220.37
Mean	830	400	430	0	\$10.00	\$7.72	\$14.75	\$0.00	\$0.95	\$53.51	-\$1.77	\$85.16
Sum	983	400	583	0	\$10.00	\$7.72	\$20.04	\$0.00	\$1.12	\$63.43	-\$2.10	\$100.20
Win	699	400	269	0	\$10.00	\$7.72	\$9.25	\$0.00	\$0.76	\$43.18	-\$1.43	\$69.48
Annual												\$1,018.12

						BILLIMPA	BILL IMPACTS PROPOSED RATES	TES						
					Basic	Delivery	Delivery	Delivery						
	Total kWh	۵	Delivery (kWh)	_	Service Charge	0-400 kWh	401-1,000 kWh	1,000+ kWh	TCA	Base Fuel	PPFAC	Net Bill	\$ Change	% Change
		0-400	401-1,000	1,000+	\$20.00	\$0.030810	\$0.050810	\$0.050810	\$0.000000	\$0.049260	\$0.00000			
Xsmall	111	111	0	0	\$20.00	\$3.42	\$0.00	00'0\$	\$0.00	\$5.47	\$0.00	\$28.89	\$9.70	50.5%
Small	330	330	0	0	\$20.00	\$10.17	\$0.00	\$0.00	\$0.00	\$16.26	\$0.00	\$46.43	\$9.09	24.4%
Medium	664	400	264	0	\$20.00	\$12.32	\$13.41	\$0.00	\$0.00	\$32.71	\$0.00	\$78.45	\$9.49	13.8%
Large	1,144	400	909	144	\$20.00	\$12.32	\$30.49	\$7.32	\$0.00	\$56.35	\$0.00	\$126.48	\$9.95	8.5%
Xlarge	2,162	400	900	1,162	\$20.00	\$12.32	\$30.49	\$59.04	\$0.00	\$106.50	\$0.00	\$228.35	\$7.98	3.6%
Mean	830	400	430	0	\$20.00	\$12.32	\$21.82	\$0.00	\$0.00	\$40.86	\$0.00	\$95.01	\$9.85	11.6%
Sum	983	400	583	0	\$20.00	\$12.32	\$29.64	\$0.00	\$0.00	\$48.44	\$0.00	\$110.40	\$10.20	10.2%
Win	699	400	269	0	\$20.00	\$12.32	\$13.69	\$0.00	\$0.00	\$32.98	\$0.00	\$78.99	\$9.51	13.7%
Annual												\$1,136.37	\$118.26	11.6%

UNS Electric, Inc. Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

RESIDENTIAL SERVICE DEMAND

L									BILL IMPAC	TS PROPOSED	BILL IMPACTS PROPOSED RATES - RES-0;	Ħ						
1_									г				Delivery					
		Demand		4	0.00	č	Charles		Service	Delivery 0-7	Delivery 7+	Delivery	401-1,000	Delivery 1 0004 MWh	10	Race File	PPEAC	Net Rill
9	Load Factor	(kw)	lotat kwn	Delivery (kw)	y (kw)		DEINGEN (KWH)	100	2000	2 8	8 5	Otaba Da	COOCOSTO	¢0.050010	000000	CO COO CO	COODOOO	
<u>.</u> į	;	9.0	111)-i	Over	0.400	401-1,000	200,1	320.00	3.05	8 8	01.03.00 U	OT SO	or so	000	45.47	00.05	\$28.89
	0 10			2 6		33	0	, 6	\$20.00	90 05	90.05	\$10.17	00'08	20.00		\$16.26	\$0.00	\$46.43
	220					400	764	r	\$20.00	80.08	20.00	\$12.32	\$13.41	\$0.00	\$0.00	\$32.71	00:0\$	\$78.45
L sale	0.75	6.3		i	ļ	400	009	144	\$20.00	\$0.00	\$0.00	\$12.32	\$30.49	\$7.32	20:00	\$56.35	80.00	\$126.48
Xlarge	0.27				4.0	400	009	1,162	\$20.00	\$0.00	\$0.00	\$12.32	\$30.49	\$59.04	\$0.00	\$106.50	\$0.00	\$228.35
Mean	0.23	5.1	830	5.1		400	430	0	\$20.00	\$0.00	\$0.00	\$12.32	\$21.82	20:00	\$0.00	\$40.86	\$0.00	\$95.01
Sum	0.26	5.2	983	5.2		400	583	0	\$20.00	\$0.00	\$0.00	\$12.32	\$29.64	\$0.00	\$0.00	\$48.44	80.00	\$110.40
Win	0.19	4.9	699	4.9		400	592	٥	\$20.00	\$0.00	\$0.00	\$12.32	\$13.69	\$0.00	\$0.00	\$32.98	\$0.00	\$78.99
1								T	T									\$1,136,37

									BILL	BILL IMPACTS PROPOSED RATES	OSED RATES									
									Basic	P. O. monthle	Polings, T.	, defined	Delivery	Dalisany						
	Load Factor	(kw)	Total kWh	Deliven	elivery (kW)	je Del	Delivery (kWh)			kw kw		0-400 kWh	KWh KWh	1,000+ kWh	Δ	Base Fuel	PPFAC	Net Bill	\$ Change	% Change
				0-7	*	0-400	401-1,000	1,000+	\$20.00	\$6.00	\$9.95	\$0.01000	\$0.01000	\$0.01000	\$0.000000	\$0.049260	50.000000			
Ksmall	0.18	8.0	111	8.0	-	111	0	0	\$20.00	\$4.80	\$0.00	\$1.11	\$0.00	\$0.00	\$0.00	\$5.47	20.00	\$31.38	\$2.49	8.6%
Small	0.19	2.3	330	2.3		330	0	a	\$20.00	\$13.80	\$0.00	\$3.30	\$0.00	\$0.00	\$0.00	\$16.26	20.00	\$53.36	\$6.93	14.9%
Medium	0.22	4.1	999	4.1		400	264	0	\$20.00	\$24.60	\$0.00	00:4\$	\$2.64	\$0.00	\$0.00	\$32.71	\$0.00	\$83.95	\$5.50	7.0%
Large	0.25	6.3	1,144	6.3		400	009	144	\$20.00	\$37.80	\$0.00	\$4.00	\$6.00	\$1.44	\$0.00	\$56.35	\$0.00	\$125.59	-\$0.89	-0.7%
Xlarge	0.27	11.0	2,162	7.0	4.0	400	009	1,162	\$20.00	\$42.00	\$39.80	\$4.00	\$6.00	\$11.62	\$0.00	\$106.50	\$0.00	\$229.92	\$1.57	0.7%
Mean	0.23	5.1	830	5.1	٠	400	430	0	\$20.00	\$30.60	\$0.00	\$4.00	\$4.30	80.00	\$0.00	\$40.86	20:00	\$99.76	\$4.75	2.0%
Sum	0.26	5.2	883	5.2		400	583	0	\$20.00	\$31.20	\$0.00	\$4.00	\$5.83	\$0.00	\$0.00	\$48.44	80.00	\$109.47	\$0.93	-0.8%
Win	0.19	4.9	699	4.9		400	269	٥	\$20.00	\$29.40	\$0.00	\$4.00	\$2.69	\$0.00	\$0.00	\$32.98	\$0.00	\$89.07	\$10.08	12.8%
Annual																		\$1,191.28	\$54.91	4.8%

Notes: 1.This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UNS Exectric billing and load research data.

Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014 UNS Electric, Inc.

RESIDENTIAL SERVICE DEMAND

												BILLIMPAL	BILL IMPACTS CURRENT RATES	ATES											
		Demand	Energy	Energy Produced	Net Energy Delivered	Net Energy Received	Billed Energy	Ļ					Basic Service	ce Delivery 0-7	7 Delivery 7+	Delivery	Delivery 401-1,000	Delivery				Energy			
٥	Load Factor	(kw)	Use (kWh)	(kWh)	(kWh)	(kph)	(kWh)	Je J	Delivery (kW)		Delivery (kWh)	Vh)	Charge	kw	ΚW	0-400 kWh	kWh	1,000+ kWh	TCA	Base Fuel	PPFAC	Credits	Net Bill	S Change	% Change
								0-7	7+	0-400	401-1,000	1,000+	\$10.00	00:00	\$0.00	\$0.019300	\$0.034350	\$0.038499	\$0.001140	\$0.064510	-\$0.002139				
Xsmall	0.18	0.8	111	111	71	1 71		0.8			0	0	0 \$10.00	00:05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00		
Small	0.19	2.3	330	330	190	061 0		0 2.3	.]		0	0	0 \$10.00	00:05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00		
Medium	0.23	4.0	664	564	364	364		0 4.0			0	0	0 \$10.00	00:0\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00		
Large	92.0	6.1	1,144	1,144	612	2 612	1	0 6.1	- 1		0	0	00:01\$	00:05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00		
Xlərge	0.27	10.9	2,162	2,162	1,159	1,159		0.7 0		3.9	0	0	0 \$10.00	20.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00		
Mean	0.23	5.0	830	830	458	8 458		0.2	-		0	0	0 \$10.00	00:00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00		
Sum	0.26	5.2	995	932	518	8 436	- (0	0 5.2			0	o	0 \$10.00	00:05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00		
Win	0.19	4.8	665	728	398	8 480		0 4.8	_		0	0	0 810.00	00:00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	80.00	\$10.00		
Annual																				-			8120.00		
																			0	hanges from Ci	Changes from Current Full Requirements RES-01 Annual Bill	uirements RES-0	01 Annual Bill	-\$898.12	88%

												BILL IMPACTS	BILL IMPACTS PROPOSED RATES	TES											
		Demand	Energy	Produced	Net Energy Delivered	Net Energy Received	Billed Energy	L					Basic Service	Delivery 0-7	Delivery 7+	Delivery	Delivery 401-1.000	Delivery				Freduction			
	Load Factor			(kWh)	(kwh)	(kph)	(kWh)	_	Delivery (KW)		Delivery (kWh)		Charge		kW	0-400 kWh	kWh	1,000+ kWh	ΤCA	Base Fuel	PPFAC	Credits	Net Bill	\$ Change	% Change
								0-7	7+	0-400	401-1,000	1,000+	\$20.00	\$6.00	56:6\$	\$0.01000	\$0.01000	\$0.01000	\$0.00000	\$0.049260	\$0.00000	\$0.058400			
Xsmall	0.18	0.8	111	111	71	71	71	1 0.8		17	0	0	\$20.00	\$4.80	\$0.00	\$0.71	\$0.00	\$0.00	\$0.00	\$3.50	20.00	(\$4.15)	524.86	\$14.86	148.6%
Small	0.19	2.3	330	330	190	190	190	0 2.3		190	0	0	\$20.00	\$13.80	\$0.00	\$1.90	\$0.00	\$0.00	\$0.00	\$9.36	\$0.00	(\$11.10)	\$33.96	\$23.96	239.6%
Medium	0.23	4.0	664	664	364	364	364	4.0		364	0	0	\$20.00	\$24.00	\$0.00	\$3.64	\$0.00	\$0.00	\$0.00	\$17.93	\$0.00	(\$21.26)	\$44.31	\$34.31	343.1%
Large	0.26	6.1	1,144	1,144	612	612	612	2 6.1	•	400	212	0	\$20.00	236.60	\$0.00	\$4.00	\$2.12	\$0.00	\$0.00	\$30.15	\$0.00	(\$35.74)	\$57.13	\$47.13	471.3%
Xlarge	0.27	10.9	2,162	2,162	1,159	1,159	1,159	9 7.0	3.9	400	009	651	\$20.00	\$42.00	\$38.81	\$4.00	\$6.00	\$1.59	\$0.00	\$57.09	20.00	(\$67.69)	\$101.80	\$91.80	918.0%
Mean	0.23	5.0	830	830	458	458	458	8 5.0	-	400	85	0	\$20.00	\$30.00	\$0.00	\$4.00	\$0.58	\$0.00	\$0.00	\$22.56	80.00	(\$26.75)	\$50.39	\$40.39	403.9%
Sum	0.26	5.2	995	932	518	436	518	8 5.2		400	118	0	\$20.00	\$31.20	\$0.00	\$4.00	\$1.18	\$0.00	\$0.00	\$25.52	\$0.00	(\$25.46)	\$56.44	\$46.44	464.4%
Win	0.19	4.8	999	728	398	480	398	8 4.8		398	ò	0	\$20.00	\$28.80	\$0.00	86.62	\$0.00	\$0.00	\$0.00	\$19.61	\$0.00	(\$28.03)	\$44.36	534.36	343.6%
Annua																							\$604.77	\$484.77	404.0%
Notes	1.This is a ne	ew proposed	d rate and the	re are curren	tly no custom	Notes: 1. This is a new proposed rate and there are currently no customers on the rate.	ند												ָד	hange from Pro	Change from Proposed Full Requirements RES.01 Annual Bill	luirements RES-(11 Annual Bill	-\$531.60	46.8%

Annual | Annual | Notes. 1.This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.
3. Parial Requirements Service customers are assumed to own a distributed generation facility sized to produce energy equal to 100% of usage on an annual basis.
4. Parial Requirements Service customers taking service under the current Net Metering familia are allowed to bank NWh produced in excess of WWh consumed and credit the excess production against usage in future months. Therefore, Billed Energy for the average summer and winter months is represented as zero under Current Rates.

Typical Bill Comparison - Present and Proposed Rates

UNS Electric, Inc.

Test Period Ending December 31, 2014

RESIDENTIAL SERVICE CARES

BILL IMPACTS CURRENT RATES	Delivery TCA Base Fuel PPFAC Net Bill	\$0.035400 \$0.001140 \$0.061700 -\$0.002139	\$0.00 \$0.25 \$13.57 -\$0.47 \$15.69	\$0.00 \$0.41 \$22.21 .50.77 \$26.86	\$7.33 \$0.69 \$37.45 \$1.30 \$50.99	\$20.89 \$1.13 \$61.08 -\$2.12 \$84.12	\$51.08 \$2.10 \$113.71 \$3.94 \$167.44	\$12.49 \$0.86 \$46.45 -\$1.61 \$63.61	\$16.53 \$0.99 \$53.49 \$1.85	\$8.43 \$0.73 \$39.37 -\$1.37 \$53.69	
BILL IMPACT	Delivery orge 0-400 kWh	\$4.90 \$0.018973	\$4.90 \$4.17	\$4.90 \$6.83	\$4.90	\$4.90	\$4.90 \$7.59	\$4.90 \$7.59	\$4.90 \$7.59	\$4.90 \$7.59	
	Basic very (kWh) Service Charge	401+	0	0	207	\$ 065	1,443	353 \$	467	238 \$	
	Total kWh Delivery	1-400	220 220	360 360	607 400	990 400	1,843 400	753 400	867 400	638 400	
	F	<u>.</u> j	Xsmall	Small	Medium	Large	Xlarge	Mean	Sum	Win	

30.00% 20.00% 10.00% 10.00% \$8.00 10.00% 10.00% 10.00%

					BILLIMPACT	BILL IMPACTS PROPOSED RATES	TES					
				Basic	Delivery	Delivery						
	Total kWh	Deliven	ivery (kWh)	Service Charge	0-400 kWh	400+ kWh	ΔĮ	Base Fuel	PPFAC	Net Bill	\$ Change	% Change
		1-400	401+	\$9.00	\$0.030810	\$0.050810	\$0.000000	\$0.049260	\$0.000000			
Xsmall	220	220	0	\$9.00	\$6.78	\$0.00	\$0.00	\$10.84	\$0.00	\$18.63	\$2.94	18.76%
Small	360	360	0	\$9.00	\$11.09	\$0.00	\$0.00	\$17.73	\$0.00	\$30.26	\$3.40	12.64%
Medium	607	400	207	\$9.00	\$12.32	\$10.52	\$0.00	\$29.90	00:0\$	\$55.57	\$4.58	8.97%
Large	066	400	590	\$9.00	\$12.32	\$29.98	\$0.00	\$48.77	\$0.00	90.06\$	\$5.94	7.06%
Xlarge	1,843	400	1,443	\$9.00	\$12.32	\$73.32	\$0.00	\$90.79	\$0.00	\$177.43	66.6\$	5.97%
Mean	753	400	353	\$9.00	\$12.32	\$17.93	\$0.00	\$37.09	\$0.00	\$68.71	\$5.10	8.01%
Sum	867	400	467	\$9.00	\$12.32	\$23.73	\$0.00	\$42.71	\$0.00	\$78.98	\$5.49	7.48%
Win	638	400	238	\$9.00	\$12.32	\$12.10	\$0.00	\$31.43	\$0.00	\$58.37	\$4.68	8.71%
Annual										\$824.09	\$61.01	8.00%

20.00%

10.00% 10.00% \$8.00 10.00% 10.00%

30.00%

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Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

UNS Electric, Inc.

RESIDENTIAL SERVICE CARES MEDICAL

	Net Revenue		\$23.79	\$36.77	\$66.16	\$114.40	\$211.75	\$78.13	\$90.84	\$65.64	¢038 88
	PPFAC	-\$0.002139	-\$0.78	-\$1.21	-\$1.88	-\$2.87	-\$4.93	-\$2.21	-\$2.56	-\$1.86	
	Base Fuel	\$0.061700	\$22.52	\$34.80	\$54.17	\$82.68	\$142.16	\$63.78	\$73.97	\$53.75	
ES	TCA	\$0.001140	\$0.42	\$0.64	\$1.00	\$1.53	\$2.63	\$1.18	\$1.37	\$0.99	
BILL IMPACTS CURRENT RATES	Delivery 400+ kWh	\$0.035400	\$0.00	\$5.81	\$16.92	\$33.28	\$67.40	\$22.43	\$28.28	\$16.68	
BILL IMPAC	Delivery 0-400 kWh	\$0.018973	\$6.93	\$7.59	\$7.59	\$7.59	\$7.59	\$7.59	\$7.59	\$7.59	
	Basic Service Charge	\$4.90	\$4.90	\$4.90	\$4.90	\$4.90	\$4.90	\$4.90	\$4.90	\$4.90	
	(kwh)	401+	0	164	478	940	1,904	634	799	471	
	Delivery	1-400	365	400	400	400	400	400	400	400	
	Total kWh		365	564	878	1,340	2,304	1,034	1,199	871	
			Xsmall	Small	Medium	Large	Xlarge	Mean	sum	wín	Annua

30.00% 30.00% 20.00%

Discounts

20.00%

20.00% 20.00%

10.00%

\$8.00

					BILL IMPACT	BILL IMPACTS PROPOSED RATES	TES					
	Total kWh	Delivery	ery (kWh)	Basic Service Charge	Delivery 0-400 kWh	Delivery 400+ kWh	TCA	Base Fuel	PPFAC	Net Revenue	\$ Change	% Change
		1-400	401+	\$9.00	\$0.030810	\$0.050810	\$0.000000	\$0.049260	\$0.00000			
Xsmall	365	365	0	\$9.00	\$11.25	\$0.00	\$0.00	\$17.98	\$0.00	\$26.76	\$2.97	12.5%
Small	564	400	164	\$9.00	\$12.32	\$8.33	\$0.00	\$27.78	\$0.00	\$40.20	\$3.43	9.3%
Medium	878	400	478	\$9.00	\$12.32	\$24.29	\$0.00	\$43.25	\$0.00	\$71.09	\$4.93	7.4%
Large	1,340	400	940	\$9.00	\$12.32	\$47.76	\$0.00	\$66.01	\$0.00	\$121.58	\$7.18	6.3%
Xlarge	2,304	400	1,904	\$9.00	\$12.32	\$96.74	\$0.00	\$113.50	\$0.00	\$223.56	\$11.81	2.6%
Mean	1,034	400	634	\$9.00	\$12.32	\$32.20	\$0.00	\$50.92	\$0.00	\$83.55	\$5.42	%6.9
sum	1,199	400	799	\$9.00	\$12.32	\$40.59	\$0.00	\$59.05	\$0.00	\$96.77	\$5.93	6.5%
win	871	400	471	\$9.00	\$12.32	\$23.94	\$0.00	\$42.91	\$0.00	\$70.54	\$4.90	7.5%
Annual										\$1,003.82	\$64.94	%6.9

30.00% 30.00% 20.00% 10.00%

\$8.00

20.00% 20.00%

UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

RESIDENTIAL SERVICE RATE TIME OF USE

	WINTER						ž	SIDEN I IAL SEI	RESIDENTIAL SERVICE RATE TIME OF USE	4 OSE			
						18	BILL IMPACTS CURRENT RATES	NT RATES					
							Basic	Delivery		Base Fuel	Base Fuel		
	kWh	Delivery (kWh)	/ (kWh)	De	Delivery (kWh) TIERS	IERS	Service Charge	All kWh	₹	On-Peak	Off-PeaK	PPFAC	Net Bill
		On-Peak	Off-Peak	0-400	401-1,000	1,000+	\$11.50	\$0.030350	\$0.001140			-\$0.002139	
	Winter	0.24	0.76							\$0.129605	\$0.031385		
	Summer									\$0.129605	\$0.039605		
Xsm	150	36	114	150	0	0	\$11.50	\$4.55	\$0.17	\$4.67	\$3.58	-\$0.32	\$24.15
Small	286	69	217	286	0	0	\$11.50	\$8.68	\$0.33	06'8\$	\$6.82	-\$0.61	\$35.62
Medium	641	154	487	400	241	0	\$11.50	\$19.45	\$0.73	\$19.94	\$15.29	-\$1.37	\$65.54
Large	1,043	250	793	400	909	43	\$11.50	\$31.66	\$1.19	\$32.44	\$24.88	-\$2.23	\$99.44
XLg	1,810	434	1,376	400	600	810	\$11.50	\$54.93	\$2.06	\$56.30	\$43.17	-\$3.87	\$164.09
AnnAvg	1,008	242	766	400	909	8	\$11.50	\$30.59	\$1.15	\$31.36	\$24.05	-\$2.16	\$96.49
Avg Win	801	192	909	400	401	0	\$11.50	\$24.30	\$0.91	\$24.90	\$19.10	-\$1.71	\$79.00

							BILLIN	BILL IMPACTS PROPOSED RATES	SED RATES								
							Basic					Base Fuel	Base Fuel				
	kWh	Deliver	Delivery (kWh)	٥	Delivery (kWh)	Vh) TIERS	Service Charge		Delivery All kWh	-	2	On-Peak	Off-Peak	PPFAC	Net Bill		
		On-Peak	Off-Peak	0-400	401-1,000	1,000+		0-400	401-1,000	1,000+				\$0.000000			
	Winter						\$20.00	\$0.030810	\$0.050810	\$0.050810	\$0.000000	\$0.098960	\$0.033579				
	Summer											\$0.101110	\$0.033900			\$ Change	% Change
Xsm	150	36	114	150	0	0	\$20.00	\$4.62	\$0.00	\$0.00	\$0.00	\$3.56	\$3.83	\$0.00	\$32.01	\$7.86	32.55%
Small	286	69	217	286	0	0	\$20.00	\$8.81	\$0.00	\$0.00	\$0.00	\$6.79	\$7.30	\$0.00	\$42.90	\$7.28	20.44%
Medium	641	154	487	400	241	0	\$20.00	\$12.32	\$12.25	\$0.00	\$0.00	\$15.22	\$16.36	\$0.00	\$76.15	\$10.61	16.19%
Large	1,043	250	793	400	900	43	\$20.00	\$12.32	\$30.49	\$2.18	\$0.00	\$24.77	\$26.62	\$0.00	\$116.38	\$16.94	17.04%
XLg	1,810	434	1,376	400	009	810	\$20.00	\$12.32	\$30.49	\$41.16	\$0.00	\$42.99	\$46.19	\$0.00	\$193.15	\$29.06	17.71%
AnnAvg	1,008	242	766	400	009	8	\$20.00	\$12.32	\$30.49	\$0.41	\$0.00	\$23.94	\$25.73	\$0.00	\$112.89	\$16.40	17.00%
Avg Win	801	192	809	400	401	-	\$20.00	\$12.32	\$20.36	\$0.00	\$0.00	\$19.02	\$20.43	\$0.00	\$92.13	\$13,13	16.62%

UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

RESIDENTIAL SERVICE RATE TIME OF USE

L						ã	BILL IMPACTS CURRENT RATES	INT RATES					
<u> </u>							Basic	Delivery		Base Fuel	Base Fuel		
	kWh	Delivery (kWh)	(kWh)	Del	Delivery (kWh) TIERS	IERS	Service Charge	AllkWh	TCA	On-Peak	Off-PeaK	PPFAC	Net Bill
		On-Peak	Off-Peak	0-400	401-1,000	1,000+	\$11.50	\$0.030350	\$0.001140			-\$0.002139	
_ >]	Winter									\$0.129605	\$0.031385		
<u>~1</u>	Summer	0.23	0.77							\$0.129605	\$0.039605		
 wsx	261	09	201	261	0	0	\$11.50	\$7.92	\$0.30	\$7.78	\$7.96	-\$0.56	\$34.90
Small	525	121	404	400	125	0	\$11.50	\$15.93	\$0.60	\$15.65	\$16.01	-\$1.12	\$58.57
Medium	983	226	757	400	583	0	\$11.50	\$29.83	\$1.12	\$29.30	\$29.98	-\$2.10	\$99.63
Large	1,611	371	1,240	400	900	611	\$11.50	\$48.89	\$1.84	\$48.02	\$49.13	-\$3.45	\$155.93
XLg	2,681	617	2,064	400	900	1,681	\$11.50	\$81.37	\$3.06	\$79.92	\$81.76	-\$5.74	\$251.87
AnnAvg	1,008	232	776	400	9009	80	\$11.50	\$30.59	\$1.15	\$30.05	\$30.74	-\$2.16	\$101.87
Avg Sum	1,195	275	920	400	009	195	\$11.50	\$36.76	\$1.36	\$35.61	\$36.43	42.55	¢118.60

							BILL IN	BILL IMPACTS PROPOSED RATES	ISED RATES								
							Basic					Base Fuel	Base Fuel				
	kWh	Delivery (kWh)	(kWh)	De	Delivery (kWh) T	TIERS	Service Charge	ָר	Delivery All kWh	,	TCA	On-Peak	Off-PeaK	PPFAC	Net Bill		
		On-Peak	Off-Peak	0-400	401-1,000	1,000+		0-400	401-1,000	1,000+				\$0.000000			
	Winter						\$20.00	\$0.030810	\$0.050810	\$0.050810	\$0.000000	\$0.098960	\$0.033579				
	Summer											\$0.101110	\$0.033900			\$ Change	% Change
Xsm	261	09	201	261	0	0	\$20.00	\$8.04	\$0.00	\$0.00	\$0.00	\$6.07	\$6.81	\$0.00	\$40.92	\$6.02	17.24%
Small	525	121	404	400	125	0	\$20.00	\$12.32	\$6.35	\$0.00	\$0.00	\$12.21	\$13.70	\$0.00	\$64.58	\$6.01	10.27%
Medium	983	977	757	400	583	0	\$20.00	\$12.32	\$29.62	\$0.00	\$0.00	\$22.86	\$25.66	\$0.00	\$110.46	\$10.83	10.87%
Large	1,611	371	1,240	400	909	611	\$20.00	\$12.32	\$30.49	\$31.04	\$0.00	\$37.46	\$42.05	\$0.00	\$173.36	\$17.43	11.18%
XLg	2,681	617	2,064	400	009	1,681	\$20.00	\$12.32	\$30.49	\$85.41	\$0.00	\$62.35	\$6.69\$	\$0.00	\$280.55	\$28.68	11.38%
AnnAvg	1,008	232	776	400	009	8	\$20.00	\$12.32	\$30.49	\$0.41	\$0.00	\$23.44	\$26.31	\$0.00	\$112.97	\$11.10	10.89%
Avg Sum	1,195	275	920	400	900	195	\$20.00	\$12.32	\$30.49	\$9.89	\$0.00	\$27.78	\$31.19	\$0.00	\$131.67	\$13.07	11.02%

							•	\$ Change	% Change
Current Annual							\$1,185.62		
Proposed Annual							\$1,342.80	\$157.18	13.26%

Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014 UNS Electric, Inc.

RESIDENTIAL SERVICE RATE TIME OF USE DEMAND

\$0.00 \$116.38 \$0.00 \$193.15 \$0.00 \$112.89 \$0.00 \$0.00 \$0.000000 \$16.36 \$7.30 \$26.62 \$46.19 \$25.73 \$20.43 \$0.098960 \$0.033579 \$0.033900 Base Fuel Off-PeaK \$6.79 \$15.22 \$24.77 \$23.94 \$19.02 \$0.101110 Base Fuel On-Peak \$0.00 \$0.00 \$0.00 \$0.00000 \$0.00 \$0.41 1,000+ \$0.050810 0-400 401-1,000 \$0.030810 \$0.050810 \$0.00 \$12.25 \$30.49 \$30.49 \$20.36 \$4.62 \$12.32 \$12.32 \$12.32 \$12.32 BILL IMPACTS PROPOSED RATES RES-TOU Basic Service Y (KWh) TIERS Charge \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 0 \$20.00 1,000+ Delivery (kWh) TIERS 00 00 401-1,000 8 9 4 4 6 6 0-400 1,376 793 On-Peak Off-Peak 0.76 0.24 Energy (kWh) 2.3 6.9 11.3 Demand (KW) 0.17 0.19 0.21 0.22 WINTER XLg AnnAvg Avg Win Medium Large

\$76.15 \$42.90

				% Change	12.75%	18.30%	13.18%	5.88%	9.79%	3.06%	11.00%
				\$ Change	\$4.08	\$7.85	\$10.04	\$6.84	\$18.92	\$3.46	\$10.13
	Net Bill				\$36.09	\$50.75	\$86.19	\$123.22	\$212.07	\$116.35	\$102.26
	PPFAC	\$0.00000			\$0.00	\$0.00	\$0.00	80.00	\$0.00	\$0.00	\$0.00
	Base Fuel Off-Peak		\$0.033579	\$0.033900	\$3.83	\$7.30	\$16.36	\$26.62	\$46.19	\$25.73	\$20.43
	Base Fuel On-Peak		096860:0\$	\$0.101110	\$3.56	\$6.79	\$15.22	\$24.77	\$42.99	\$23.94	\$19.02
	2		\$0.000000		\$6.00	\$0.00	\$0.00	\$0.00	80.00	\$0.00	\$0.00
		1,000+	\$0.010000		\$0.00	\$0.00	\$0.00	\$0.43	58.10	\$0.08	\$0.00
	Delivery All kWh	401-1,000	\$0.010000		\$0.00	\$0.00	\$2.41	\$6.00	\$6.00	\$6.00	\$4.01
		0-400	\$0.010000		\$1.50	\$2.86	\$4.00	\$4.00	\$4.00	\$4.00	\$4.00
ED RATES	r (kW)	Over 7	\$9.95		\$0.00	\$0.00	\$0.00	\$0.00	\$42.79	\$0.00	\$0.00
BILL IMPACTS PROPOSED RATES	Delivery (kW)	0-7	\$6.00		\$7.20	\$13.80	\$28.20	\$41.40	\$42.00	\$36.60	\$34.80
BILLIMP	Basic Service Charge		\$20.00		\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
	TIERS	1,000+			0	ó	ö	43	810	8	0
	Delivery (kWh) TIERS	401-1,000			0	0	241	900	009	009	401
	۵	0-400			150	286	400	400	400	400	400
	Delivery (kWh)	Off-Peak			114	217	487	793	1,376	766	809
ĺ	Delive	On-Peak			36	69	154	250	434	242	192
	Delivery (kW)	Over 7			•	٠	j	,	4.3	,	1
	Deliv	0-7			77	2.3	4.7	6.9	7.0	6.1	5.8
	Energy (kWh)		Winter	Summer	150	286	641	1,043	1,810	1,008	801
	Demand (kw)				1.2	2.3	4.7	6.9	11.3	6.1	5.8
ļ	Load Factor	7			0.18	0.17	0.19	0.21	0.22	0.23	0.19
		1	1	1	ws.	Small	Medium	targe	XLg	AnnAvg	Avg Win

Notes: 1.This is a new proposed rate and there are currently no customers on the rate.

^{2.} Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.

UNS Electric, Inc. Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

RESIDENTIAL SERVICE RATE TIME OF USE DEMAND

						RILLIMO	ACTS BBD	BILL IMPACTS BROBOSED BATTER BEST TO	101 32 32							
	-	-						TOSED IN	C3 RE3-100							
_								Basic								
peor	_	Energy						Service				_	Base Fuel	Race Fine		
Factor	or (kW)	(kWh)	Delive	Delivery (kWh)	Deliv	Delivery (kWh) TIERS	ERS	Charge	,	Delivery All KWh	_	Ą	On-Peak	Off-Peak	PPFAC	Net Bill
			On-Peak	Off-Peak	0-400	401-1,000	1,000+	\$20.00	0-400	401-1,000	1,000+	\$0.00000			0000000	
		Winter							\$0.030810	\$0,050810	01805005		000000	05.35.50		
		Summer	0.23	77.0									\$0.101110	000550.05		
0	0.19	9 261	09	201	261		0	\$20.00	\$8.04	Ş	00.05	5	66.07	20000000	0000	
0	0.22 3.3	3 525	121	404	400	125	G	\$20.00	\$12.32		0000	0000	10.00	20.01	20:00	540.92
0	0.26 5.2	2 983	526	757	400		0	1	\$17.37	53 053	9000	00.00	77.716	\$13.70	20:00	564.58
0.:	0.29 7.6	1,611	371	1			5	1	\$17.37	220.40	30.00	20.00	98.774		20.00	\$110.46
0	0.32	7 2,581	617	2,064	400		[=		\$12.32	\$30.49	\$85.41	\$ 00.05	\$57.40	\$42.05	20.00	\$173.36
0	0.23 6.1	1,008	232	776	400	900	80	\$20.00	\$12.32	\$30.49	\$0.41	\$0.00	\$23.44	\$26.31	5	5117 97
Avg Sum 0.2	0.26 6.4	1.195	275	920	700	003	10.	430.00								

	-										BILL	BILL IMPACTS PROPOSED RATES	DSED RATES										
		Demand	Energy								Basic Service							Race Cuol	land and				
	Factor	(kw)	(kWh)	Delive	Delivery (kW)	Deliver	Delivery (kWh)	۵	Delivery (kWh) TIERS	TIERS	Charge	Delive	Delivery (kW)		Delivery All kWh	r	TCA	On.Post	Def Book	DOCAC	11.0		
				0-7	Over 7	On-Peak	Off-Peak	0-400	401-1,000	1,000+		0-7	Over 7	0-400	401-1000	1 000	5		Negation 1	2	מבו		
			Winter												200/2-10	1,000				20.00000			
	f			T				I										\$0.098960	\$0.033579				
	1		Summer								\$20.00	\$6.00	\$9.95	\$0.010000	\$0.010000	\$0.010000	20.00000	\$0.101110	\$0.033900			Change	, K
WSX	0.19	1.9	261	1.9	-	09	201	261	0	0	\$20.00	\$11.40	\$0.00	1363	0005	╄	00.00	27.7	2			Cliange	a Culange
100															20.00		20.00	\$6.07	\$6.81	20.00	546.89	\$5.97	14.59%
The Local	0.22	2.5	\$75	5	•	121	404	400	125	0	\$20.00	\$19.80	\$0.00	\$4.00	\$1.25	\$0.00	20,00	\$12.21	\$13.70	5	50 05	\$6.30	70000
Medium	0.26	5.2	983	5.2		226	757	400	583	0	00 02\$	\$31.20	00.05	00.00	66.00		2000			0000	06.076	20.30	0.00%
and a	000	2.0	, ,	2.0	1		ĺ		Ī						50.00	00:00	20.00	\$27.86	525.66	20.00	\$109.55	-\$0.91	-0.82%
28	675	9,	1,011	?	9.0	371	1,240	400	009	611	\$20.00	\$42.00	\$5.97	\$4.00	\$6.00	\$6.11	\$0.00	\$37.46	\$42.05	\$0.00	5163 59	49 77	.5 6.4%
8 XI	0.32	11.7	2,681	7.0	4.7	617	2,064	400	009	1,681	\$20.00	\$42.00	\$46.77	\$4.00	26.00	C16.81	00.05	36 (35	00 00	3		4	
AnnAvg	0.23	6.1	1,008	6.1		232	9//	400	COS	0	\$20.00	¢36 60	çoo	L			20:00	307.33	303.30	20.00	52b/.91	-\$12.65	-4.51%
	35.0		:					l		ľ		330.00	20.00		26.00	80.08	20.00	\$23.44	\$26.31	\$0.00	\$116.43	\$3.46	3.06%
Avg som	0.26	0.4	1,195	6.4		275	920	400	009	195	\$20.00	\$38.40	\$0.00	\$4.00	\$6.00	\$1.95	80.00	\$27.78	\$31.19	00.0\$	¢129.32	25.65.	1 70%
Notes:	Notes: 1.This is a new proposed rate and there are currently no customers on the case	w Dropnsed r	are and there	A STO CULTON	other no cuetor	mare on the	e e e e e e e e e e e e e e e e e e e													20.00	35.5344	35.33	-1.70%

Notes: 1.This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.

% Change		, , ,
\$ Change	1	07.77
	\$1,342.80	£1 300 40
-		
-	1	
-		
-		
-	1	
		-
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	-	
Current Annual	The state of the s	lipoute pasodo L

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UNS Electric, Inc. Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

RESIDENTIAL SERVICE RATE TIME OF USE - SUPER PEAK

	WINTER														
							8	BILL IMPACTS CURRENT RATES	JRRENT RATES						
							Basic					Base File	Race File		
	kWh	Delivery (KWh)	/ (kWh)	Del	Delivery (kWh) TIERS	IERS	Service Charge		Delivery All kWh		Ţ	On-Peak	Off-Peak	PPFAC	Net Bill
		On-Peak	Off-Peak	0-400	401-1,000	1,000+		0-400	401-1,000	1,000+				-\$0.002139	
	Winter	0.1	6.0				\$11.50	\$0.025000	\$0.035000	\$0.032000	\$0.001140	\$0.150000	\$0.038700		
	Summer											\$0.170000	\$0.039700		
Xsm	150	15	135	150	0	0	\$11.50	\$3.75	\$0.00	\$0.00	\$0.17	\$2.25	\$5.22	-\$0.32	\$22.57
Small	286	29	257	286	0	0	\$11.50	\$7.15	00:0\$	\$0.00	\$0.33	\$4.29	96.6\$	-\$0.61	\$32.62
Medium	641	64	577	400	241	0	\$11.50	\$10.00	\$8.44	\$0.00	\$0.73	\$9.65	\$22.33	-\$1.37	\$61.25
Large	1,043	104	939	400	900	43	\$11.50	\$10.00	\$21.00	\$1.51	\$1.19	\$15.65	\$36.33	-\$2.23	\$94.95
XLg	1,810	181	1,629	400	909	810	\$11.50	\$10.00	\$21.00	\$28.35	\$2.06	\$27.15	\$63.04	-\$3.87	\$159.23
AnnAvg	1,008	101	907	400	600	8	\$11.50	\$10.00	\$21.00	\$0.28	\$1.15	\$15.12	\$35.11	-\$2.16	\$92.00
Avg Win	801	80	721	400	401	0	\$11.50	\$10.00	\$14.02	\$0.00	\$0.91	\$12.01	\$27.89	-\$1.71	\$74.62

							18	BILL IMPACTS PROPOSED RATES	OPOSED RATES								
							Basic					Base Fuel	Base Fuel				
	kWh	Deliver	Delivery (kWh)	De	Delivery (kWh) TIERS	TIERS	Service Charge	L	Delivery All kWh		TCA	On-Peak	Off-PeaK	PPFAC	Net Bill		
		On-Peak	Off-Peak	0-400	401-1,000	1,000+		0-400	401-1,000	1,000+				\$0.000000			
	Winter						\$20.00	\$0.030810	\$0.050810	\$0.050810	\$0.000000	\$0.149700	\$0.038250				
	Summer											\$0.149700	\$0.038250			\$ Change	% Change
Xsm	150	15	135	150	J	0	\$20.00	\$4.62	\$0.00	\$0.00	\$0.00	\$2.25	\$5.16	\$0.00	\$32.03	\$9.46	41.91%
Small	286	29	257	286	٠	0	\$20.00	\$8.81	\$0.00	\$0.00	\$0.00	\$4.28	\$9.85	\$0.00	\$42.94	\$10.32	31.64%
Medium	641	64	577	400	241	0	\$20.00	\$12.32	\$12.25	\$0.00	\$0.00	\$9.60	\$22.07	\$0.00	\$76.24	\$14.99	24.47%
Large	1,043	104	939	400	009) 43	\$20.00	\$12.32	\$30.49	\$2.18	\$0.00	\$15.61	\$35.91	\$0.00	\$116.51	\$21.56	22.71%
XLg	1,810	181	1,629	400	900	810	\$20.00	\$12.32	\$30.49	\$41.16	\$0.00	\$27.10	\$62.31	\$0.00	\$193.38	\$34.15	21.45%
AnnAvg	1,008	101	907	400	9009	8	\$20.00	\$12.32	\$30.49	\$0.41	\$0.00	\$15.09	\$34.70	\$0.00	\$113.01	\$21.01	22.84%
AvgWin	801	80	721	400	401	1 0	\$20.00	\$12.32	\$20.36	\$0.00	\$0.00	\$11.99	\$27.56	\$0.00	\$92.23	\$17.61	23.60%

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UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

RESIDENTIAL SERVICE RATE TIME OF USE - SUPER PEAK

SUMMER

							8	BILL IMPACTS CURRENT RATES	JRRENT RATES						
		:		-			Basic					Base Fuel	Base Fue		
	kWh	Delivery (kWh)	v (kWh)	Del	Delivery (kWh) TIERS	ERS	Service Charge		Delivery All KWh		ξ	On-Peak	Off-PeaK	PPFAC	Net Bill
		On-Peak	Off-Peak	0-400	401-1,000	1,000+		0-400	401-1,000	1,000+				-\$0.002139	
	Winter						\$11.50	\$0.025000	\$0.035000	\$0.035000	\$0.001140	\$0.150000	\$0.038700		
	Summer	0.14	0.86									\$0.170000	\$0.039700		
Xsm	261	37	224	261	0	0	\$11.50	\$6.53	\$0.00	\$0.00	\$0.30	\$6.21	\$8.91	-\$0.56	\$32.89
Small	525	74	452	400	125	0	\$11.50	\$10.00	\$4.38	\$0.00	\$0.60	\$12.50	\$17.92	-\$1.12	\$55.78
Medium	983	138	845	400	583	0	\$11.50	\$10.00	\$20.41	\$0.00	\$1.12	\$23.40	\$33.56	-\$2.10	\$97.89
Large	1,611	226	1,385	400	009	611	\$11.50	\$10.00	\$21.00	\$21.39	\$1.84	\$38.34	\$55.00	-\$3.45	\$155.62
XLg	2,681	375	2,306	400	009	1,681	\$11.50	\$10.00	\$21.00	\$58.84	\$3.06	\$63.81	\$91.53	-\$5.74	\$254.00
AnnAvg	1,008	141	867	400	009	8	\$11.50	\$10.00	\$21.00	\$0.28	\$1.15	\$23.99	\$34.42	-\$2.16	\$100.18
AvgSum	1,195	167	1,027	400	900	195	\$11.50	\$10.00	\$21.00	\$6.82	\$1.36	\$28.43	\$40.79	-\$2.56	\$117.34

							118	BILL IMPACTS PROPOSED RATES	OPOSED RATES								
							Basic					Base Fuel	Base Fuel				
	kWh	Deliver	Delivery (kWh)	De	Delivery (kWh) TIERS	TERS	Service Charge	T.	Delivery All kWh		TCA	On-Peak	Off-PeaK	PPFAC	Net Bill		
		On-Peak	Off-Peak	0-400	401-1,000	1,000+	\$20.00	0-400	401-1,000	1,000+				\$0.000000			
	Winter							\$0.030810	\$0.050810	\$0.050810	\$0.00000	\$0.149700	\$0.038250				
	Summer	0.14	0.86									\$0.149700	\$0.038250			\$ Change	% Change
Xsm	261	37	224	261	J	0 0	\$20.00	\$8.04	\$0.00	\$0.00	\$0.00	\$5.47	\$8.59	\$0.00	\$42.10	\$9.21	28.00%
Small	525	74	452	400	125	0	\$20.00	\$12.32	\$6.35	\$0.00	\$0.00	\$11.00	\$17.27	\$0.00	\$66.94	\$11.16	20.01%
Medium	583	138	845	400	583	0 0	\$20.00	\$12.32	\$29.62	\$0.00	\$0.00	\$20.60	\$32.34	\$0.00	\$114.88	\$16.99	17.36%
Large	1,611	526	1,385	400	009 000	611	\$20.00	\$12.32	\$30.49	\$31.04	\$0.00	\$33.76	\$52.99	\$0.00	\$180.60	\$24.98	16.05%
XLg	2,681	375	2,306	400	600	1,681	\$20.00	\$12.32	\$30.49	\$85.41	\$0.00	\$56.19	\$88.19	\$0.00	\$292.60	\$38.60	15.19%
AnnAvg	1,008	141	867	400	009 600	8	\$20.00	\$12.32	\$30.49	\$0.41	\$0.00	\$21.13	\$33.16	\$0.00	\$117.51	\$17.33	17.29%
AvgSum	1,195	167	1,027	400	009	195	\$20.00	\$12.32	\$30.49	\$9.89	\$0.00	\$25.04	\$39.30	\$0.00	\$137.04	\$19.70	16.78%

								⇒ Change	% Change
Current Annual							\$1,151.78		
Proposed Annual							\$1,375.62	\$223.84	19.43%

UNS Electric, Inc. Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

SMALL GENERAL SERVICE

						BILLIM	BILL IMPACTS CURRENT RATES	RATES				
					Basir		Delivery (kWh)					
	Total kWh		Delivery kWh		Service Charge	1-400	401-7500	7501+	TCA	Base Fuel	PPFAC	Net Bill
		1-400	401-7500	7501+	\$14.50	\$0.030176	\$0.041042	\$0.076042	\$0.001140	\$0.058241	-\$0.002139	
Xsm	200	200	0	0	\$14.50	\$6.04	\$0.00	\$0.00	\$0.23	\$11.65	-\$0.43	\$31.99
Small	350	350	0	0	\$14.50	\$10.56	\$0.00	\$0.00	\$0.40	\$20.38	-\$0.75	\$45.09
Medium	561	400	161	0	\$14.50	\$12.07	\$6.61	\$0.00	\$0.64	\$32.67	-\$1.20	\$65.29
Large	1,447	400	1,047	0	\$14.50	\$12.07	\$42.97	\$0.00	\$1.65	\$84.27	-\$3.10	\$152.36
Xl.g	4,078	400	3,678	0	\$14.50	\$12.07	\$150.95	\$0.00	\$4.65	\$237.51	-\$8.72	\$410.96
Mean	1,131	400	731	0	\$14.50	\$12.07	\$30.00	\$0.00	\$1.29	\$65.87	-\$2.42	\$121.31
uns	1,277	400	877	0	\$14.50	\$12.07	\$36.00	\$0.00	\$1.46	\$74.39	-\$2.73	\$135.69
win	980	400	580	0	\$14.50	\$12.07	\$23.82	\$0.00	\$1.12	\$57.10	-\$2.10	\$106.51
Annual												\$1,453.20

BILL IMPACTS PROPOSED RATES	Basir Delivery (kWh.)	Service Charge 1-400 401-7500 7501+ TCA Base Fuel PPFAC Net Bill \$ Change % Change	7501+ \$30.00 \$0.039497 \$0.049497 \$0.086950 \$0.000000 \$0.048610 \$0.000000	0 \$30.00 \$7.90 \$0.00 \$0.00 \$0.00 \$9.72 \$0.00 \$47.62 \$15.63 48.85%	0 \$30.00 \$13.82 \$0.00 \$0.00 \$17.01 \$0.00 \$60.83 \$15.74 34.90%	0 \$30.00 \$15.80 \$7.97 \$0.00 \$0.00 \$27.27 \$0.00 \$81.04 \$15.75 24.12%	0 \$30.00 \$15.80 \$51.82 \$0.00 \$0.00 \$70.34 \$0.00 \$167.96 \$15.60 10.24%	0 \$30.00 \$15.80 \$182.05 \$0.00 \$0.00 \$198.23 \$0.00 \$426.08 \$15.12 3.68%	0 \$30,00 \$15.80 \$36.18 \$0.00 \$0.00 \$54.98 \$0.00 \$136.96 \$15.65 12.90%	0 \$30.00 \$15.80 \$43.42 \$0.00 \$0.00 \$62.09 \$0.00 \$151.31 \$15.62 11.51%	0 \$30.00 \$15.80 \$28.73 \$0.00 \$0.00 \$47.66 \$0.00 \$122.19 \$15.68 14.72%	Δ(1 U C10
BIL	Basic											
		Delivery kWh	1-400 401-7500 7501+	200 0 0	350 0 0	400 161 0	400 1,047 0	400 3,678 0	400 731 0	400 877 0	400 580 0	
		Total kWh		Xsm 200	Small 350	Medium 561	1,447	XLg 4,078	Mean 1,131	sum 1,277	win 980	lenad

Proposed	
ž	ğ
ison - Present	December 31,
Sempa	# Ending
3	Perio

Full Requirements Service

Table Tabl								BILLIME	PACTS PROPC	BILL IMPACTS PROPOSED RATES - SGS-10	S-10							
Propertity Total Mark Delivery (MM) Delivery (MM) Total Mark Delivery (MM) Total Mark Delivery (MM) Total Mark Tota									Sasic	Delivery	v (kW)		Jelivery (kWh)					
12 12 12 14 14 15 14 15 15 15 15		-) Total kWh	Delivery	(KW)		Delivery kWh		Charge	0-15	15+	1-400	401-7500	7501+	Ą	Base Fue)	PPFAC	Net Bill
12 200 112 200				0-15	Over 15	1-400	401-7500	1501+	\$30.00	80.00	20.00	\$0.039497	\$0.049497	\$0.086950	\$0.00000	\$0.048610	\$0.000000	
18 18 18 18 18 18 18 18		0.23	2 200			200	6	0	\$30.00	80.00	20.00	\$7.90	\$0.00	\$0.00	\$0.00	57.65	\$0.00	\$47.62
142 144 145 146	-					350	0	0	\$30.00	\$0.00	\$0.00	\$13.82	\$0.00	20.00	80.00	\$17.01	\$0.00	\$60.83
1,447 1,447 1,45						400		0	\$30.00	\$0.00	\$0.00	\$15.80	26.72	\$0.00	\$0.00	\$27.27	\$0.00	\$81.04
131 4,078 150 43 460 3,678 0 3,070 5,000 5	-					400		0	\$30.00	80.00	20.00	\$15.80	\$51.82	\$0.00	\$0.00	\$70.34	\$0.00	\$167.96
61 1131 61 400 713 62 5 600 510 50 50 00 5	- 1					400	3,678	0	\$30.00	\$0.00	\$0.00	\$15.80	\$182.05	\$0.00	\$0.00	\$198.23	\$0.00	\$426.08
65 1,277 65 400 877 0 59,00 50,00 515.80 515.80 515.80 58.77 50.00 500 56 98 56 6 580.00 530.00 50.00 515.80 578.73 50.00 50.00					•	400	731	O	\$30.00	80.00	20.00	\$15.80	\$36.18	\$0.00	\$0.00	\$54.98	20.00	\$136.96
00.02 00.02 518 00.05 00.02 00.	- 1					400	877	۵	\$30.00	80.00	\$0.00	\$15.80	\$43.42	\$0.00	\$0.00	\$62.09	\$0.00	\$151.31
						400	280	3	\$30.00	80.00	20:00	\$15.80	\$28.73	\$0.00	\$0.00	\$47.66	\$0.00	\$122.19
																		\$1,641.00

								BILL	IMPACTS PR	BILL IMPACTS PROPOSED RATES										
									Basic	Delivery (KW)	(kW)		Delivery (kWh)							
	Load Factor	Demand (kW)	Total kWh	Delivery (KW)	y (kW)		Delivery KWh		Charge	0-15	15+	1-400	401-7500	7501+	5	Base Fuel	PPFAC	Net Bill	\$ Change	% Change
				0-15	Over 15	1-400	401-7500	7501+	\$30.00	\$6.85	57.85	\$0.011100	\$0.011100	\$0.055000	\$0.00000	\$0.048610	\$0.000000			
Xsm	0.23	1.2	200	1.2	•	200	0	0	\$30.00	\$8.22	20.00	\$2.22	\$0.00	20.00	20.00	27.62	\$0.00	\$50.16	\$2.54	5.33%
Hems	0.27	1.8	350	1.8		350	0	0	\$30.00	\$12.33	\$0.00	\$3.89	\$0.00	\$0.00	\$0.00	\$17.01	\$0.00	\$63.23	\$2.40	3.95%
Medium	97'0	3.0	561	3.0		400	161	0	\$30.00	\$20.55	\$0.00	\$4.44	\$1.79	\$0.00	20.00	527.27	20.00	\$84.05	\$3.01	3.71%
Page	0.27	7.3	1,447	7.3		400	1,047	0	\$30.00	\$50.01	20.00	\$4.44	\$11.62	\$0.00	\$0.00	\$70.34	\$0.00	\$166.41	-\$1.56	-0.93%
31X	0.29	19.3	4,078	15.0	4.3	400	3,678		00.083	\$102.75	\$33.76	\$4.44	\$40.83	\$0.00	\$0.00	\$198.23	\$0.00	\$410.01	-516.08	-3.77%
Mean	0.25	6.1	1,131	6.1	•	400	731	0	\$30.00	\$41.79	20.00	\$4.44	\$8.11	\$0.00	\$0.00	\$54.98	\$0.00	\$139.32	\$2.36	1.72%
wns	0.27	6.5	1,277	6.5	٠	400	877	٥	\$30.00	\$44.53	\$0.00	\$4.44	59.74	\$0.00	\$0.00	\$62.09	\$0.00	\$150.80	-\$0.51	-0.34%
win	0.24	5.6	980	5.6		400	280	9	\$30.00	538.36	20.00	\$4.44	\$6.44	\$0.00	\$0.00	\$47.66	\$0.00	\$126.90	54.71	3.85%
Annual																		\$1,666.17	\$25.17	1.53%

Note: 1 This is a new proposed rate and there are currently no customers on the rate.

2 Assumed bead factors and billing determinants were obtained from UNS Electric billing and load research data.

Partial Requirements Service

SMALL GENERAL SERVICE DEMAND

Part												BILL	BILL IMPACTS CURRENT RATES	IT RATES										Γ
Lond Sedicy Lond Mark Ma			*****		Produced	Delivered	_		2					Basic	Deliver	y (kW)		Selivery (KWh)	ľ		r		Energy	
0.24 1.1 5.6 1.2 1.4 0.4 1.5 1.4 0.4 1.4 0.4 0.4 1.4 0.4 <th></th> <th>Load Factor</th> <th>_</th> <th>Total kWh</th> <th>(kWh)</th> <th>(kWh)</th> <th>Received (k</th> <th></th> <th>Deliv</th> <th>ry (kW)</th> <th></th> <th>Delivery KV</th> <th>٧h</th> <th>Charge</th> <th>0.15</th> <th>15•</th> <th>1-400</th> <th>401-7500</th> <th>7501+</th> <th>TC.</th> <th>Bara Cual</th> <th>DDEAC</th> <th>roduction</th> <th></th>		Load Factor	_	Total kWh	(kWh)	(kWh)	Received (k		Deliv	ry (kW)		Delivery KV	٧h	Charge	0.15	15•	1-400	401-7500	7501+	TC.	Bara Cual	DDEAC	roduction	
1									0-15	Over 15		401-7500	L	\$14.50			50.030176	COUNTRACT	CD 076043	00000	+	2000	2000	MET DA
0.38 1.5 3.6 1.5 1.6 1.5 0 0 5.4 5.4 5.0	_	0.24						80	0	L					L			-	20000000	20.001140	+	-50.002139	1	Ţ
0.25 3.1 SFIST 1540 1540 157 1540 570 5740 5700 5								-	1	l	1	,	2	l			20.00	20.00	\$0.00	\$0.00	\$0.00	20.00	\$0.00	\$14.50
6.25 3.4 5.51 2.55 2.55 3.4 0.0 5.44.9 50.0		0.28						184	0	╛		0	o				20.00	80.00	80.00	00 05	20.00	S	90 00	6445
0.34 6.5 1,447 6.34 6.53 1,63 6.54 0.05 0.54 0.05 <th< td=""><td>٤</td><td>0.25</td><td></td><td></td><td></td><td></td><td></td><td>185</td><td>0</td><td></td><td></td><td>a</td><td>C</td><td></td><td></td><td></td><td>0000</td><td>000</td><td></td><td></td><td></td><td>3</td><td>20.06</td><td>2</td></th<>	٤	0.25						185	0			a	C				0000	000				3	20.06	2
0.34 1.66 1.747 1.757 1.578 1.578 6.5 1.5 0 0 514.90 \$10.00<		-		draw .						-		-	1	l			20.00	N.02	20.00	\$0.00	20.00	\$0.00	\$0.00	\$14.50
0.24 1.65 4.078 4.078 1.976 1.				1,444				653	0			0	0				\$0.00	\$0.00	20.00	90 00	OU OS	00.05	00.00	614 50
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		0.34		4,078				176	0			-	-				90.00	0000					200	07.70
0.29 6.1 1,777 1,270 6.9 579 0 6.1 0 0 5,4450 5,00 <td>_</td> <td>0.27</td> <td></td> <td>1</td> <td>Ì</td> <td></td> <td></td> <td>20.00</td> <td>20.00</td> <td>20.00</td> <td>20.00</td> <td>20:00</td> <td>80.08</td> <td>\$0.00</td> <td>\$14.50</td>	_	0.27											1	Ì			20.00	20.00	20.00	20.00	20:00	80.08	\$0.00	\$14.50
0.23 6.1 1,277 1,270 6.9 6.1 0 0 0 0 51450 5/10						l				978			8				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	80.00	\$14.50
0.25 \$.4 940 992 5.20 5.70 0 5.4 0 0 0 5.14.50 5.00 5.00 5.00 5.00 5.00 5.00 5.00	1	0.29		1,277				673	0	3.1		a	0	514.5			00 05	ç, co	50.00	2	0000			
24.70 25.00 2		0.25		086	266			370	_			-					200	20.00	30.00	\$0.00	20.00	20.00	20.00	\$14.50
	7												7				00.00	\$0.00	20.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14.50
									_					_	_		_		_	_		-		

_				Total Control	Mar Engen						BILL IMP	BILL IMPACTS PROPOSED RATES	D RATES												
				Produced	Delivered	Net Energy	Billed Energy			_			Service	Delive	Delivery (xW)		Delivery (kWh)		_	r		Energy	_		
	Load Factor	Demand (kW)	Total kWh	(kwn)	(KWh)	Received (kbh)	(kWh)	Delivery (kW	(kW)		Delivery kWh		Charge	0.15	15+	1-400	401-7500	7501+	2	Base Fuel	PPFAC	Production	Not Rill	Change	% Change
_								0-15	Over 15	1-400	401-7500	7501+	\$30.00	\$6.85	\$7.85	\$0.011100	\$0.011100	\$0.055000	٤	t	000000	0000000	╁	╁	S Clight
wsx	0.24	11	200	200	108	8 108	308	111		108		o	00 055	67.62	0000	00,13	5		4	+-	-	20.030400		\dagger	
Smell	0.28	1.7	350	35.0	184	104							l			27.70	30.00	20.00	20.00	25.25	20.00	-56.31	\$37.68	\$23.18	159.85%
							184	Ì	1	184		6	\$30.00	\$11.65	\$0.00	\$2.04	\$0.00	\$0.00	\$0.00	\$8.94	\$0.00	-\$10.75	\$41.88	\$27.38	188.82%
Medium	0.25	3.1	561	561	285	5 285	5 285	3.1		285		0	00:082	\$21.24	80.00	\$3.16	00.08	90.05	ş	C13 BC	90 05	61664	0.00		
Large	0.31	6.5	1,447	1,447	653	3 653	3 663	3		400					L				200	200	8	-0.016	321.00	OF VEC	722.87%
									l	44	663		230.00	544.53	20.00	54.44	\$2.81	20.00	\$0.00	\$31.74	\$0.00	-538.14	\$75.38	\$60.88	419.86%
37 X	0.34	16.5	4,078	4,078	1,976	1,976	1,976	15.0	1.6	400	1,576		00.05	\$102.75	212 56	50.44	617.40	00.00	00 00	20,00	1				
Mean	0.27	5.8	1,131	1,131	575	575	575	8.5	L	400	36.1		l				62.176	20.00	8.9	corosc	20.00	-5115.40	5147.89	5133.39	919.94%
	95.0	.,											l		20.00	54.44	3.12	80.00	\$0.00	\$27.95	\$0.00	-\$33.58	\$70.48	\$55.98	386.07%
T	0.23		1,2,7,1	1,270	673	579	629	6.1	1	400	229		0 \$30.00	\$41.79	\$0.00	24.	\$2.54	\$0.00	9000	S30.58	00 05	13387	\$75.53	663.03	X10 058
win	0.25	5.4	086	992	520	0 570	0 520	5.4	•	400	120		0 830.00	536.99	00.05	26.46	61 33	\$	9	9, 3,			2000	20.00	120.02
Annual																		2000	30.00	37576	20.00	-533.29	564.75	520.25	346.57%
									1	-								_		_		_	5841.70	\$667.70	383.74%

Notes: 1.This is a new proposed rate and here are currently no customers on the rate.

2. Assumed lead factors and billing determinants were obtained from UNS Electric billing and load research data.

5. Partial Requirements Service customers are assumed to on a distributed generation Lighty used to produce evergy equal to 100% of usage on an annual basis.

4. Partial Requirements Service customers their was varied under the current here Notering unit are allowed to bank Wh produced in excess of WMs consumed and credit the excess production against usage in future months. Therefore, Billed Energy for the average summer and winter months is represented as zero under Current Rates.

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Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014 UNS Electric, Inc.

SMALL GENERAL SERVICE RATE TIME OF USE

•	WINIER														
								BILL IMPACTS CURRENT RATES	URRENT RATES						
							Basic								
							Service					Base Fuel	Base Fuel		
	kWh	Delivery (k)	y (kWh)	Deli	Delivery (kWh) TIERS	ERS	Charge	Δ .	Delivery All kWh		5	On-Peak	Off-PeaK	PPFAC	Net Biil
		On-Peak	Off-Peak	0-400	401-7,500	1,500+		0-400	401-7,500	+005'2				-\$0.002139	
	Winter	0.23					\$16.50	\$0.030176	\$0.043176	\$0.076042	\$0.001140	\$0.129605	\$0.031385		•
	Summer	0.18										\$0.129605	\$0.039605		
Ksm	394	91	303	394	0	0	\$16.50	\$11.87	\$0.00	\$0.00	\$0.45	\$11.73	\$9.51	-\$0.84	\$49.22
Small	636	146	490	400	236	0	\$16.50	\$12.07	\$10.19	\$0.00	\$0.73	\$18.96	\$15.37	-\$1.36	\$72.46
Medium	1633	376	1,257	400	1,233	0	\$16.50	\$12.07	\$53.24	\$0.00	\$1.86	\$48.68	\$39.46	-\$3.49	\$168.32
Large	2,328	535	1,793	400	1,928	0	\$16.50	\$12.07	\$83.24	\$0.00	\$2.65	\$69.40	\$56.26	-\$4.98	\$235.14
XLg	3,091	711	2,380	400	2,691	0	\$16.50	\$12.07	\$116.19	\$0.00	\$3.52	\$92.14	\$74.70	-\$6.61	\$308.51
WinAvg	1,551	357	1,194	400	1,151	.0	\$16.50	\$12.07	\$49.70	\$0.00	\$1.77	\$46.24	\$37.48	-\$3.32	\$160.44
														1	

							"	BILL IMPACTS PROPOSED RATES	ROPOSED RATE	8							
							Basic										
	kWh	Delivery (kWh)	(kwh)	Delivery	very (kWh) TIERS	RS	Service Charge	J	Delivery All kWh		TCA	Base Fuel On-Peak	Base Fuel Off-PeaK	PPFAC	Net Bill		
		On-Peak	Off-Peak	0-400	401-7,500	7,500+		0-400	401-7,500	7,500+				\$0.000000			
	Winter	0.23					\$30.00	\$0.039497	\$0.049497	\$0.086950	\$0.00000	\$0.108510	\$0.032910				
	Summer	0.18										\$0.126510	\$0.033010			\$ Change	% Change
Xsm	394	91	303	394	0	0	\$30.00	\$15.54	\$0.00	\$0.00	\$0.00	\$9.82	\$9.97	\$0.00	\$65.33	\$16.11	32.74%
Small	989	146	490	400	236	0	\$30.00	\$15.80	\$11.68	\$0.00	\$0.00	\$15.87	\$16.12	\$0.00	\$89.47	\$17.01	23.48%
Medium	1,633	376	1,257	400	1,233	0	\$30.00	\$15.80	\$61.03	\$0.00	\$0.00	\$40.76	\$41.38	\$0.00	\$188.97	\$20.65	12.27%
Large	2,328	535	1,793	400	1,928	0	\$30.00	\$15.80	\$95.43	\$0.00	\$0.00	\$58.10	\$58.99	\$0.00	\$258.32	\$23.18	9.86%
ХLg	3,091	711	2,380	400	2,691	0	\$30.00	\$15.80	\$133.20	\$0.00	\$0.00	\$77.14	\$78.33	\$0.00	\$334.47	\$25.96	8.42%
WinAvg	1,551	357	1,194	400	1,151	0	\$30.00	\$15.80	\$56.97	\$0.00	\$0.00	\$38.71	\$39.31	\$0.00	\$180.79	\$20.35	12.68%

Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014 UNS Electric, Inc.

SMALL GENERAL SERVICE RATE TIME OF USE

								BILL IMPACTS CURRENT RATES	URRENT RATES						
							Basic								
							Service					Base Fuel	Base Fuel		
	kWh	Delivery (k)	y (kWh)	Deliv	Delivery (kWh) TIERS	ERS	Charge	۵	Delivery All kWh		TCA	On-Peak	Off-PeaK	PPFAC	Net Bill
		On-Peak	Off-Peak	0-400	401-7,500	7,500+		0-400	401-7,500	7,500+				-\$0.002139	
	Winter	0.23					\$16.50	\$0.030176	\$0.043176	\$0.076042	\$0.001140	\$0.129605	\$0.031385		
	Summer	0.18										\$0.129605	\$0.039605		
Xsm	781	141	640	400	381	0	\$16.50	\$12.07	\$16.45	\$0.00	\$0.89	\$18.22	\$25.36	-\$1.67	\$87.82
Small	1220	220	1,000	400	820	0	\$16.50	\$12.07	\$35.40	\$0.00	\$1.39	\$28.46	\$39.65	-\$2.61	\$130.83
Medium	2350	423	1,927	400	1,950	0	\$16.50	\$12.07	\$84.17	\$0.00	\$2.68	\$54.81	\$76.30	-\$5.03	\$241.50
Large	3,078	554	2,524	400	2,678	0	\$16.50	\$12.07	\$115.63	\$0.00	\$3.51	\$71.81	\$99.96	-\$6.58	\$312.90
XLg	3,640	655	2,985	400	3,240	0	\$16.50	\$12.07	\$139.89	\$0.00	\$4.15	\$84.92	\$118.21	-\$7.79	\$367.95
SumAvg	952'2	406	1,850	400	1,856	0	\$16.50	\$12.07	\$80.15	\$0.00	\$2.57	\$52.64	\$73.28	-\$4.83	\$232.38

\$0.039497 \$0.04909 \$0.086950 \$0.000000 \$15.80 \$13.86 \$0.00 \$15.80 \$94.99 \$0.00 \$15.80 \$132.55 \$0.00 \$15.80 \$132.55 \$0.00 \$15.80 \$132.55 \$0.00 \$15.80 \$132.55 \$0.00	BILL IMPACTS PROPOSED RATES	ACTS PROPOSED RATES	PACIS PROPOSED R	CIS PROPUSED NA		NTES					Т	
Delivery All kWh TCA 0-400 401-7,500 7,500+ 0 \$0.039497 \$0.086950 \$0.000000 0 \$15.80 \$18.86 \$0.00 0 \$15.80 \$40.59 \$0.00 0 \$15.80 \$40.59 \$0.00 0 \$15.80 \$40.59 \$0.00 0 \$15.80 \$132.55 \$0.00 0 \$15.80 \$16.00 \$0.00 0 \$15.80 \$16.00 \$0.00 0 \$15.80 \$16.00 \$0.00 0 \$15.80 \$16.00 \$0.00								Base Fuel				
\$0.039497 \$0.049497 \$0.086950 \$0.000000 \$15.80 \$18.86 \$0.00 \$0.00 \$15.80 \$40.59 \$0.00 \$15.80 \$96.49 \$0.00 \$15.80 \$182.55 \$0.00 \$15.80 \$182.55 \$0.00	Delivery All kWh	Delivery All kWh	Delivery All k	Delivery All kV	livery All kWh	Wh	TCA	On-Peak	Off-Peak PF	PPFAC Net Bill	1	
\$0.039497 \$0.049497 \$0.086950 \$0.000000 \$15.80 \$18.86 \$0.00 \$0.00 \$15.80 \$40.59 \$0.00 \$15.80 \$132.55 \$0.00 \$15.80 \$160.37 \$0.00	401-7,500	401-7,500							0\$	\$0.000000		
\$15.80 \$18.86 \$0.00 \$0.00 \$15.80 \$40.59 \$0.00 \$0.00 \$15.80 \$96.49 \$0.00 \$0.00 \$15.80 \$132.55 \$0.00 \$0.00 \$15.80 \$132.55 \$0.00 \$0.00 \$15.80 \$160.37 \$0.00 \$0.00	\$0.049497	\$0.049497	-	-				000 \$0.108510	\$0.032910			
\$15.80 \$18.86 \$0.00 \$15.80 \$40.59 \$0.00 \$15.80 \$96.49 \$0.00 \$15.80 \$132.55 \$0.00 \$15.80 \$160.37 \$0.00								\$0.126510	\$0.033010		\$ Change	% Change
\$15.80 \$40.59 \$0.00 \$15.80 \$96.49 \$0.00 \$15.80 \$132.55 \$0.00 \$15.80 \$160.37 \$0.00	\$18.86				\$18.86			.00 \$17.78	\$21.14	\$0.00 \$103.58	58 \$15.76	17.95%
\$15.80 \$96.49 \$0.00 \$15.80 \$132.55 \$0.00 \$15.80 \$160.37 \$0.00	\$40.59				\$40.59			.00 \$27.78	\$33.02	\$0.00	19 \$16.36	12.50%
\$15.80 \$132.55 \$0.00 \$15.80 \$160.37 \$0.00	\$96.49				\$96.49			.00 \$53.50	\$63.60	\$0.00	39 \$17.89	7.41%
\$15.80 \$160.37 \$0.00	\$132.55				\$132.55			.00 \$70.09	\$83.32	\$0.00 \$331.76	76 \$18.86	6.03%
	\$160.37				\$160.37			.00 \$82.89	\$98.53	\$0.00	59 \$19.64	5.34%
\$91.88	\$91.88		\$15.80 \$91.8		\$91.88	38 \$0.00		.00 \$51.38	\$61.08	\$0.00 \$250.14	.14 \$17.76	7.64%

									\$ Change	% Change
Current Annual							•	\$2,356.95		
Proposed Annual								\$2,585.58	\$228.63	9.70%

UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

WINTER

SMALL GENERAL SERVICE RATE TIME OF USE DEMAND

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							B(T	IMPACTS PR	BILL IMPACTS PROPOSED RATES SGS-TOL	ES SGS-TOU						
Peol	d Demand	d Energy						Basic Service					Base Fuel	Base Fuel		
Factor	or (kW)	(kWh)	Deliven	Delivery (kWh)	Delive	Delivery (kWh) TIERS	S	Charge	٥	Delivery All kWh	4	TCA	On-Peak	Off-PeaK	PPFAC	Net Bill
			On-Peak	Off-Peak	0-400	401-7,500	7,500+		0-400	401-7,500	7,500+				\$0.000000	
		Winter	0.23					\$30.00	\$0.039497	\$0.049497	\$0.086950	\$0.000000	\$0.108510	\$0.032910		
		Summer	0.18										\$0.126510	\$0.033010		
Xsm 0.	0.25 2.2	2 394	1 91	303	394	٥	0	\$30.00	\$15.54	\$0.00	\$0.00	\$0.00	\$9.82	\$9.97	\$0.00	\$65.33
Small 0.3	0.27	3.3 636	146	490	400	236	0	\$30.00	\$15.80	\$11.68	\$0.00	\$0.00	\$15.87	\$16.12	\$0.00	\$89.47
Medium 0.3	0.20	3 1633	376	1,257	400	1,233	٥	\$30.00	\$15.80	\$61.03	\$0.00	\$0.00	\$40.76	\$41.38	\$0.00	\$188.97
Large 0.2	0.26 12.2	2 2,328	3 535	1,793	400	1,928	Ó	\$30.00	\$15.80	\$95.43	\$0.00	\$0.00	\$58.10	\$58.99	\$0.00	\$258.32
XLg 0.3	0.27 15.5	5 3,091	711	2,380	400	2,691	0	\$30.00	\$15.80	\$133.20	\$0.00	\$0.00	\$77.14	\$78.33	\$0.00	\$334.47
WinAvg 0.2	0.24 8.	1,551	357	1,194	400	1,151	0	\$30.00	\$15.80	\$56.97	\$0.00	\$0.00	\$38.71	\$39.31	\$0.00	\$180.79

											BILL IMPAC	BILL IMPACTS PROPOSED RATES	RATES										
	Peol	Demand	Energy								Basic Service							Base Fuel	Base Fuel				
	Factor	(kw)	(kWh)	Delivery (kW)	(kw)	Delivery (kWh)	y (kWh)	Del	Delivery (kWh) TIERS	ERS	Charge	Delivery (kW)	(kw)	ď	Delivery All kWh		TCA	On-Peak	Off-PeaK	PPFAC	Net Bill		
				0-15	Over 15	On-Peak	Off-Peak	0-400	401-7,500	7,500+		0-15	Over 15	0-400	401-7,500	7,500+				\$0.000000			
•			Winter			0.23					\$30.00	\$6.85	\$7.85	\$0.011100	\$0.011100	\$0.055000	\$0.000000	\$0.108510	\$0.032910				
			Summer			0.18												\$0.126510	\$0.033010			\$ Change	% Change
Xsm	0.25	2.2	394	2.2		91	303	394	0	0	\$30.00	\$15.07	\$0.00	\$4.37	\$0.00	\$0.00	\$0.00	\$9.83	\$9.97	\$0.00	\$69.23	3.90	90.0
Small	0.27	3.3	636	3.3	,	146	490	400	236	0	\$30.00	\$22.61	\$0.00	\$4.44	\$2.62	\$0.00	\$0.00	\$15.87	\$16.12	\$0.00	\$91.66	2.19	0.02
Medium	0.20	11.3	1,633	11.3	•	376	1,257	400	1,233	0	\$30.00	\$77.41	\$0.00	\$4.44	\$13.69	\$0.00	\$0.00	\$40.76	\$41.38	\$0.00	\$207.68	18.71	0.10
Large	0.26	12.2	2,328	12.2	•	535	1,793	400	1,928	0	\$30.00	\$83.57	\$0.00	\$4.44	\$21.40	\$0.00	\$0.00	\$58.10	\$58.99	\$0.00	\$256.50	-1.82	-0.01
XLg	0.27	15.5	3,091	15.0	0.5	711	2,380	400	2,691	0	\$30.00	\$102.75	\$3.93	\$4.44	\$29.87	\$0.00	\$0.00	\$77.14	\$78.33	\$0.00	\$326.46	-8.01	-0.02
WinAvg	0.24	8.9	1,551	8.9		357	1,194	400	1,151	0	\$30.00	\$60.97	\$0.00	\$4.44	\$12.78	\$0.00	\$0.00	\$38.71	\$39.31	\$0.00	\$186.21	5.42	0.03

Notes: 1.This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.

UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

SMALL GENERAL SERVICE RATE TIME OF USE DEMAND

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SUMMER

								BILL	L IMPACTS PR	BILL IMPACTS PROPOSED RATES SGS-TOU	ES SGS-TOU						
	Load	Demand	Energy						Basic Service					Base Fuel	Base Fuel		
	Factor	(kw)	(kWh)	Deliven	Delivery (kWh)	Defiv	Delivery (kWh) TIERS	RS	Charge	٥	Delivery All kWh	_	TCA	On-Peak	Off-PeaK	PPFAC	Net Bill
				On-Peak	Off-Peak	0-400	401-7,500	7,500+		0-400	401-7,500	7,500+				\$0.00000	
			Winter	0.23										\$0.108510	\$0.032910		
			Summer	0.18					\$30.00	\$0.039497	\$0.049497	\$0.086950	\$0.000000	\$0.126510	\$0.033010		
wsx	0.25	4.3	781	141	640	400	381	0	\$30.00	\$15.80	\$18.86	\$0.00	\$0.00	\$17.78	\$21.14	\$0.00	\$103.58
Small	0.27	6.1	1220	220	1,000	400	820	ō	\$30.00	\$15.80	\$40.59	\$0.00	\$0.00	\$27.78	\$33.02	\$0.00	\$147.19
Medium	0.24	13.4	2350	423	1,927	400	1,950	0	\$30.00	\$15.80	\$96.49	\$0.00	\$0.00	\$53.50	\$63.60	\$0.00	\$259.39
Large	0.28	15.1	3,078	554	2,524	400	2,678	0	\$30.00	\$15.80	\$132.55	\$0.00	\$0.00	\$70.09	\$83.32	\$0.00	\$331.76
XLg	0.30	16.4	3,640	655	2,985	400	3,240	0	\$30.00	\$15.80	\$160.37	\$0.00	\$0.00	\$82.89	\$98.53	\$0.00	\$387.59
SumAvg	0.23	13.7	2,256	406	1,850	400	1,856	0	\$30.00	\$15.80	\$91.88	\$0.00	\$0.00	\$51.38	\$61.08	\$0.00	\$250.14

				% Change	3.35%	-0.72%	2.15%	-3.21%	-5.68%	4.48%
				\$ Change	\$3.47	-\$1.07	\$5.58	-\$10.65	-\$22.03	\$11.22
	Net Bill				\$107.05	\$146.13	\$264.97	\$321.12	\$365.56	\$261.36
	PPFAC	\$0.000000			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Base Fuel Off-PeaK		\$0.032910	\$0.033010	\$21.14	\$33.02	\$63.60	\$83.32	\$98.53	\$61.08
	Base Fuel On-Peak		\$0.108510	\$0.126510	\$17.78	\$27.78	\$53.50	\$70.09	\$82.89	\$51.38
	TCA			\$0.000000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		7,500+		\$0.055000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Delivery All kWh	401-7,500		\$0.011100	\$4.23	\$9.10	\$21.64	\$29.73	\$35.96	\$20.61
	ă	0-400		\$0.011100	\$4.44	\$4.44	\$4.44	\$4.44	\$4.44	\$4.44
RATES	(kW)	Over 15		\$7.85	\$0.00	\$0.00	\$0.00	\$0.78	\$10.99	\$0.00
BILL IMPACTS PROPOSED RATES	Delivery (kW)	0-15		\$6.85	\$29.46	\$41.79	\$91.79	\$102.75	\$102.75	\$93.85
BILL IMPAC	Basic Service Charge			\$30.00	\$30.00	\$30.00	\$30.00	\$30.00	\$30.00	\$30.00
		7,500+			0	Ó	0	0	0	0
	Delivery (kWh) TIERS	401-7,500			381	820	1,950	2,678	3,240	1,856
	De	0-400			400	400	400	400	400	400
	Delivery (kWh)	Off-Peak			640	1,000	1,927	2,524	2,985	1,850
	Deliver	On-Peak	0.23	0.18	141	220	423	554	655	406
	y (kw)	Over 15			٠			0.1	1.4	
	Delivery (kW)	0-15			4.3	6.1	13.4	15.0	15.0	13.7
	kWh		Winter	Summer	781	1,220	2,350	3,078	3,640	2,256
	Demand (kW)				4.3	6.1	13.4	15.1	16.4	13.7
	Load Factor				0.25	0.27	0.24	0.28	0.30	0.23
					Xsm	Small	Medium	Large	ЯIX	SumAvg

Notes: 1.This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.

•											\$0	hange %	% Change
Current Annual										25	,585.58		
Proposed Annual										\$	982.389	82.66	3.86%

Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

INTERRUPTIBLE POWER SERVICE

					BILL IMP	BILL IMPACTS CURRENT RATES	VTES			
				Basic						
				Service						
	Load Factor	Total kWh	Demand (kW)	Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill
				\$18.00	\$5.00	\$0.019408	\$0.432900	0.043760	-\$0.002139	
Xsm	40.3%	1,116	99	\$18.00	\$331.53	\$21.65	\$28.70	\$48.82	-\$2.39	\$446.32
Small	27.4%	14,651	108	\$18.00	\$541.23	\$284.34	\$46.86	\$641.11	-\$31.34	\$1,500.20
Medium	30.7%	59,389	154	\$18.00	26.897\$	\$570.39	\$66.58	\$1,286.08	-\$62.87	\$2,647.15
Large	44.3%	71,334	237	\$18.00	\$1,183.91	\$1,384.44	\$102.50	\$3,121.55	-\$152.61	\$5,657.79
XLg	58.4%	384,599	887	\$18.00	\$4,432.94	\$7,464.30	\$383.80	\$16,830.06	-\$822.79	\$28,306.31
AnnAvg	%0:95	807,76	239	\$18.00	\$1,195.06	\$1,896.33	\$103.47	\$4,275.72	-\$209.03	\$7,279.55
AvgWin	25.0%	83,072	219	\$18.00	\$1,094.21	\$1,612.26	\$94.74	\$3,635.24	-\$177.72	\$6,276.73
AvgSum	%0:29	112,958	250	\$18.00	\$1,247.88	\$2,192.29	\$108.04	\$4,943.03	-\$241.65	\$8,267.58
la l										\$87,265.86

									41.00	1400		
					BILL IMPA	BILL IMPACTS PROPOSED RATES	ATES					
				Basic								
				Service								
	Load Factor	Total kWh	Demand (kW)	Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	\$ Change	% Change
				\$75.00	\$6.52	\$0.019790	\$0.00000	\$0.049821	\$0.000000			
Xsm	40.3%	1,116	99	\$75.00	\$432.32	\$22.08	\$0.00	\$55.58	\$0.00	\$584.98	\$138.66	31.07%
Small	27.4%	14,651	108	\$75.00	\$705.77	\$289.94	\$0.00	\$729.91	\$0.00	\$1,800.62	\$300.42	20.03%
Medium	30.7%	29,389	154	\$75.00	\$1,002.74	\$581.61	\$0.00	\$1,464.20	\$0.00	\$3,123.55	\$476.40	18.00%
Large	44.3%	71,334	237	\$75.00	\$1,543.81	\$1,411.69	\$0.00	\$3,553.89	\$0.00	\$6,584.39	\$926.60	16.38%
XLR	58.4%	384,599	887	\$75.00	\$5,780.55	\$7,611.22	\$0.00	\$19,161.00	\$0.00	\$32,627.77	\$4,321.46	15.27%
AnnAvg	%0.95	97,708	239	\$75.00	\$1,558.36	\$1,933.65	\$0.00	\$4,867.91	\$0.00	\$8,434.92	\$1,155.37	15.87%
AvgWin	\$2.0%	83,072	219	\$75.00	\$1,426.84	\$1,644.00	\$0.00	\$4,138.71	\$0.00	\$7,284.55	\$1,007.82	16.06%
AvgSum	62.0%	112,958	250	\$75.00	\$1,627.23	\$2,235.44	\$0.00	\$5,627.64	\$0.00	\$9,565.31	\$1,297.73	15.70%
Annual										\$101,099.20	\$13,833.34	15.85%

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UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

MEDIUM GENERAL SERVICE

					BILL IMP	BILL IMPACTS CURRENT RATES	RATES			
	Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	Ţ	Base Fuel	PPFAC	Net Bill
				\$50.00	\$12.81	\$0.005470	\$0.432900	\$0.056603	-\$0.002139	
Xsm	0.46	20	4,040	\$50.00	\$256.20	\$22.10	\$8.66	\$228.68	-\$8.64	\$557.00
Small	0.46	20	6,400	\$50.00	\$256.20	\$35.01	\$8.66	\$362.26	-\$13.69	\$698.44
Medium	0.46	36	12,160	\$50.00	\$463.88	\$66.52	\$15.68	\$688.29	-\$26.01	\$1,258.36
Large	0.46	80	26,880	\$50.00	\$1,025.41	\$147.03	\$34.65	\$1,521.49	-\$57.51	\$2,721.07
Xlarge	0.46	294	98,640	\$50.00	\$3,762.89	\$539.56	\$127.16	\$5,583.32	-\$211.02	\$9,851.91
AnnAvg	0.46	80	26,796	\$50.00	\$1,022.22	\$146.58	\$34.54	\$1,516.76	-\$57.33	\$2,712.77
sum	0.46	90	30,153	\$50.00	\$1,150.28	\$164.94	\$38.87	\$1,706.76	-\$64.51	\$3,046.34
wîn	0.46	70	23,520	\$50.00	\$897.22	\$128.65	\$30.32	\$1,331.28	-\$50.32	\$2,387.15
Annual										\$32,600.94

				- 1-	BILL IMPA	BILL IMPACTS PROPOSED RATES	RATES					
Load Demand Delivery Basic	Delivery		Basic									
Factor (kW) (kWh) Service Charge	(kWh)	\dashv	Service Charge		Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	\$ Change	% Change
\$100.00	\$100.00	\$100.00	\$100.00		\$13.05	\$0.005500	\$0.000000	\$0.048440	\$0.000000			
0.46 20 4,040 \$100.00	20 4,040		\$100.00		\$261.00	\$22.22	\$0.00	\$195.70	\$0.00	\$578.92	\$21.92	3.9%
0.46 20 6,400 \$100.00	20 6,400		\$100.00		\$261.00	\$35.20	\$0.00	\$310.02	\$0.00	\$706.22	\$7.78	1.1%
0.46 36 12,160 \$100.00	36 12,160		\$100.00	- 1	\$472.57	\$66.88	\$0.00	\$589.03	\$0.00	\$1,228.48	-\$29.88	-2.4%
0.46 80 26,880 \$100.00	80 26,880		\$100.00	- 1	\$1,044.62	\$147.84	\$0.00	\$1,302.07	\$0.00	\$2,594.53	-\$126.54	-4.7%
0.46 294 98,640 \$100.00	294 98,640		\$100.00		\$3,833.39	\$542.52	\$0.00	\$4,778.12	\$0.00	\$9,254.03	-\$597.88	-6.1%
0.46 80 26,796 \$100.00	80 26,796		\$100.00		\$1,041.37	\$147.38	\$0.00	\$1,298.02	\$0.00	\$2,586.77	-\$126.00	-4.6%
0.46 90 30,153 \$100.00	90 30,153		\$100.00		\$1,171.83	\$165.84	\$0.00	\$1,460.62	\$0.00	\$2,898.29	-\$148.05	-4.9%
0.46 70 23,520 \$100.00	70 23,520	_	\$100.00		\$914.03	\$129.36	\$0.00	\$1,139.29	\$0.00	\$2,282.68	-\$104.47	-4.4%
										\$31.085.82	51 515 15-	%9 ₽-

UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

MEDIUM GENERAL SERVICE TIME OF USE

	WINTER												
						BILL IMPA	BILL IMPACTS CURRENT RATES	ES					
				Delivery On-Peak Delivery Off-Peak	Delivery Off-Peak	Basic Service				Base Fuel	Base Fuel		
	Load Factor	Total kWh	Demand (kW)	(kWh)	(kWh)	Charge	Delivery (kW)	Delivery (kWh)	TCA	On-Peak	Off-Peak	PPFAC	Net Bill
		Winter		0.29		\$52.00	\$12.81	\$0.005470	\$0.43290	0.114886	0.026168	-\$0.002139	
		Summer		0.20						0.114886	0.039886		
Xsm	0.46	27,974	83	8,112	19,862	\$52.00	\$1,067.14	\$153.02	\$36.06	\$932.01	\$519.74	-\$59.85	\$2,700.12
Small	0.46	28,067	84	8,139	19,928	\$52.00	\$1,070.69	\$153.53	\$36.18	\$935.11	\$521.46	-\$60.04	\$2,708.93
Medium	0.46	48,453	144	14,051	34,402	\$52.00	\$1,848.37	\$265.04	\$62.46	\$1,614.31	\$900.22	-\$103.66	\$4,638.74
Large	0.56	62,572	186	18,146	44,426	\$52.00	\$2,386.98	\$342.27	\$80.67	\$2,084.71	\$1,162.54	-\$133.86	\$5,975.31
XLg	99:0	193,470	576	56,106	137,364	\$52.00	\$7,380.44	\$1,058.28	\$249.41	\$6,445.83	\$3,594.53	-\$413.90	\$18,366.59
AnnAvg	0.58	69,713	208	20,217	49,496	\$52.00	\$2,659.39	\$381.33	\$89.87	\$2,322.62	\$1,295.22	-\$149.14	\$6,651.29
AvgWin	0.56	65,673	196	19,045	46,628	\$52.00	\$2,505.28	\$359.23	\$84.66	\$2,188.02	\$1,220.16	-\$140.50	\$6,268.85

						RII IMPAC	RIII IMPACTS PROPOSED RATES	 							
	Load Factor	Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Delivery Off-Peak (kWh)	Bas	Delivery (KW)	Delivery (kWh)	27	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	\$ Change	% Change
	:	Winter				\$100.00	\$13.05	\$0.005500	\$0.0000	0.089900	0.031600	\$0.00000			
		Summer								0.109900	0.033500				
Xsm	0.46	27,974	83	8,112	19,862	\$100.00	\$1,087.14	\$153.86	\$0.00	\$729.31	\$627.62	\$0.00	\$2,697.93	-\$2.19	-0.1%
Small	0.46	28,067	84	8,139	19,928	\$100.00	\$1,090.75	\$154.37	\$0.00	\$731.73	\$629.71	\$0.00	\$2,706.56	-\$2.37	-0.1%
Medium	0.46	48,453	144	14,051	34,402	\$100.00	\$1,883.00	\$266.49	\$0.00	\$1,263.22	\$1,087.09	\$0.00	\$4,599.80	-\$38.94	-0.8%
Large	0.56	62,572	186	18,146	44,426	\$100.00	\$2,431.70	\$344.15	\$0.00	\$1,631.31	\$1,403.87	\$0.00	\$5,911.03	-\$64.28	-1.1%
XLg	99:0	193,470	576	56,106	137,364	\$100.00	\$7,518.71	\$1,064.09	\$0.00	\$5,043.96	\$4,340.69	\$0.00	\$18,067.45	-\$299.14	-1.6%
AnnAvg	0.58	69,713	3 208	20,217	49,496	\$100.00	\$2,709.21	\$383.42	\$0.00	\$1,817.49	\$1,564.08	\$0.00	\$6,574.20	-\$77.09	-1.2%
AvgWin	95'0	65,673	196	19,045	46,628	\$100.00	\$2,552.21	\$361.20	\$0.00	\$1,712.16	\$1,473.44	\$0.00	\$6,199.01	-\$69.84	-1.1%

UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

MEDIUM GENERAL SERVICE TIME OF USE

						BILL IMPA	BILL IMPACTS CURRENT RATES	ES					
	load Factor	Total kWh	Demand (kW)		Delivery On-Peak Delivery Off-Peak	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	Base Fuel Off-Peak	PPFAC	Net Bill
						\$52.00	\$12.81	\$0.005470	\$0.43290	0.114886	0.026168	-\$0.002139	
		Summer		0.20						0.114886	0.039886		
Xsm	0.46	27,974	83	5,595	22,379	\$52.00	\$1,067.14	\$153.02	\$36.06	\$642.76	\$892.62	-\$59.85	\$2,783.75
Small	0.46	28,067	84	5,613	22,454	\$52.00	\$1,070.69	\$153.53	\$36.18	\$644.90	\$895.58	-\$60.04	\$2,792.84
Medium	0.46	48,453	144	9,691	38,762	\$52.00	\$1,848.37	\$265.04	\$62.46	\$1,113.31	\$1,546.08	-\$103.66	\$4,783.60
Large	0.56	62,572	186	12,514	50,058	\$52.00	\$2,386.98	\$342.27	\$80.67	\$1,437.73	\$1,996.60	-\$133.86	\$6,162.39
XLg	99:0	193,470	576	38,694	154,776	\$52.00	\$7,380.44	\$1,058.28	\$249.41	\$4,445.40	\$6,173.40	-\$413.90	\$18,945.03
AnnAvg	0.58	69,713	208	13,943	55,770	\$52.00	\$2,659.39	\$381.33	\$89.87	\$1,601.81	\$2,224.46	-\$149.14	\$6,859.72
AvgSum	0.56	73,609	219	14,722	58,887	\$52.00	\$2,808.00	\$402.64	\$94.89	\$1,691.32	\$2,348.76	-\$157.47	\$7,240.14

	% Change	% Change	% Change						<u> </u>
\$ Change				-\$78.18			, , , , ,		, , , , , , , , , , , , , , , , , , ,
Net Bill				\$2,705.57					
PPFAC	\$0.000000			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Base Fuel Off-Peak	0.031600		0.033500	0.033500	0.033500 \$749.70 \$752.20	\$749.70 \$752.20 \$1,298.54	\$749.70 \$752.20 \$1,298.54 \$1,676.93	\$749.70 \$752.20 \$1,298.54 \$1,676.93 \$5,185.00	\$749.70 \$752.20 \$1,298.54 \$1,676.93 \$5,185.00 \$1,868.31
Base Fuel On-Peak	0.089900		0.109900		0.1	0.1			
₹DT	\$0.00000			\$0.00					
Delivery (kWh)	\$0.005500			\$153.86	\$153.86	\$153.86 \$154.37 \$266.49	\$153.86 \$154.37 \$266.49 \$344.15	\$153.86 \$154.37 \$266.49 \$344.15 \$1,064.09	\$153.86 \$154.37 \$266.49 \$344.15 \$1,064.09 \$383.42
sic Service Charge Delivery (KW) De	\$13.05			\$1,087.14	\$1,087.14	\$1,087.14 \$1,090.75 \$1,883.00	\$1,087.14 \$1,090.75 \$1,883.00 \$2,431.70	\$1,087.14 \$1,090.75 \$1,883.00 \$2,431.70 \$7,518.71	\$1,087.14 \$1,090.75 \$1,883.00 \$2,431.70 \$7,518.71 \$2,709.21
Basic Service Charge	\$100.00			\$100.00	\$100.00	\$100.00	\$100.000	\$100.00 \$100.00 \$100.00 \$100.00 \$100.00	\$100.00 \$100.00 \$100.00 \$100.00 \$100.00
Delivery Off-Peak (kWh)				22,379	22,379	22,379 22,454 38,762	22,379 22,454 38,762 50,058	22,379 22,454 38,762 50,058	22,379 22,454 38,762 50,058 154,776 55,770
Delivery On-Peak [(kWh)				5,595	5,595	5,595	5,595 5,613 9,691	5,595 5,613 9,691 12,514 38,694	5,595 5,613 9,691 12,514 38,694
Demand (kW)				83	83	83 84	83 84 144 186	83 84 144 186 576	83 84 144 186 576 208
Total kWh D	Winter		Summer	Summer 27,974	Summer 27,974 28,067	27,974 28,067 28,453	27,974 28,067 28,067 48,453 62,572	27,974 28,067 48,453 62,572 193,470	27,974 28,067 28,067 48,453 62,572 193,470 69,713
Load Factor				0.46					
1			1	us _X	Xsm	Xsm Small Medium	Xsm Small Medium Large	Xsm Small Medium Large	Xsm Small Medium Large XLg AnnAvg

						3 Citalige	2 Citalige	
Current Annual						\$81,053.94		
Proposed Annual						\$78,930.60	-\$2,123.34	-2.6%

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Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

LARGE GENERAL SERVICE TO NEW LARGE GENERAL SERVICE

					BILL IMPACTS CU	BILL IMPACTS CURRENT RATES - LGS		٠		
	Load Factor	ctor Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	ΣĮ	Base Fuel	PPFAC	Net Bill
				\$50.00	\$12.81	\$0.005470	\$0.43290	0.056603	-\$0.002139	
Xsm	30%	205	45,000	\$50.00	\$2,632.19	\$246.15	\$88.95	\$2,547.14	-\$96.27	\$5,468.16
Small	46%	194	65,000	\$50.00	\$2,479.60	\$355.55	\$83.80	\$3,679.20	-\$139.06	\$6,509.09
Medium	%99	844	406,600	\$50.00	\$10,810.60	\$2,224.10	\$365.33	\$23,014.78	-\$869.85	\$35,594.96
Large	75%	174	95,000	\$50.00	\$2,222.74	\$519.65	\$75.12	\$5,377.29	-\$203.24	\$8,041.56
XLg	95%	1,875	1,300,500	\$50.00	\$24,022.21	\$7,113.74	\$811.80	\$73,612.20	-\$2,782.20	\$102,827.75
AnnAvg	65%	992	470,630	\$50.00	\$12,705.52	\$2,574.35	\$429.37	\$26,639.07	-\$1,006.83	\$41,391.47

					BILL IMPACTS PRO	BILL IMPACTS PROPOSED RATES - LGS			i e			
	Load Factor	Demand (kW)	(d/Wa)	Basic	Politicary (VM)	Delivery (VMA)	TCA	long oad	DDEAC	ii d	Specific	20 chach) %
			(Landa Caraca)	\$300.00	\$12.96	\$0.005400	\$0.0000	\$0.048400	\$0.00000	iver but	agirer c	o Criange
Xsm	30%	450	45,000	\$300.00	\$5,832.00	\$243.00	\$0.00	\$2,178.00	\$0.00	\$8,553.00	\$3,084.84	56.4%
Small	46%	450	65,000	\$300.00	\$5,832.00	\$351.00	\$0.00	\$3,146.00	\$0.00	\$9,629.00	\$3,119.91	47.9%
Medium	%99	844	406,600	\$300.00	\$10,937.19	\$2,195.64	\$0.00	\$19,679.44	\$0.00	\$33,112.27	-\$2,482.69	-7.0%
Large	75%	450	95,000	\$300.00	\$5,832.00	\$513.00	\$0.00	\$4,598.00	\$0.00	\$11,243.00	\$3,201.44	39.8%
XLg	85%	1,875	1,300,500	\$300.00	\$24,303.50	\$7,022.70	\$0.00	\$62,944.20	\$0.00	\$94,570.40	-\$8,257.34	-8.0%
AnnAvg	65%	992	470,630	\$300.00	\$12,854.30	\$2,541.40	\$0.00	\$22,778.49	\$0.00	\$38,474.19	-\$2,917.28	-7.0%

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Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

LARGE POWER SERVICE <69KV TO NEW LARGE GENERAL SERVICE

				H	SILL IMPACTS CURRI	BILL IMPACTS CURRENT RATES - LPS <69KV	S			
	Load Factor	tor Demand (kW)		Basic						
			Delivery (kWh)	Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill
				\$1,200.00	\$22.00	\$0.000462	\$0.43290	\$0.04188	-\$0.002139	
Xsm	44%	747	240,000	\$1,200.00	\$16,438.36	\$110.88	\$323.46	\$10,051.20	-\$513.44	\$27,610.46
Small	46%	893	300,000	\$1,200.00	\$19,654.56	\$138.60	\$386.75	\$12,564.00	-\$641.80	\$33,302.11
Medium	%99	844	406,600	\$1,200.00	\$18,566.21	\$187.85	\$365.33	\$17,028.41	-\$869.85	\$36,477.95
Large	75%	1,553	850,000	\$1,200.00	\$34,155.25	\$392.70	\$672.08	\$35,598.00	-\$1,818.43	\$70,199.60
XLg	75%	2,192	1,200,000	\$1,200.00	\$48,219.18	\$554.40	\$948.82	\$50,256.00	-\$2,567.20	\$98,611.20
AnnAvg	65%	992	470,630	\$1,200.00	\$21,820.57	\$217.43	\$429.37	\$19,709.98	-\$1,006.83	\$42,370.52

				18	ILL IMPACTS PROPO	BILL IMPACTS PROPOSED RATES - LPS <69 kV	kv					
	Load Factor	oad Factor Demand (kW)		Basic								
			Delivery (kWh)	Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	\$ Change	% Change
				\$300.00	\$12.96	\$0.005400	\$0.00000	\$0.048400	\$0.000000			
Xsm	44%	747	240,000	\$300.00	\$9,683.69	\$1,296.00	\$0.00	\$11,616.00	\$0.00	\$22,895.69	-\$4,714.77	-17.1%
Small	46%	893	300,000	\$300.00	\$11,578.32	\$1,620.00	\$0.00	\$14,520.00	\$0.00	\$28,018.32	-\$5,283.79	-15.9%
Medium	%99	844	406,600	\$300.00	\$10,937.19	\$2,195.64	\$0.00	\$19,679.44	\$0.00	\$33,112.27	-\$3,365.68	-9.2%
Large	75%	1,553	850,000	\$300.00	\$20,120.55	\$4,590.00	\$0.00	\$41,140.00	\$0.00	\$66,150.55	-\$4,049.05	-5.8%
XLg	75%	2,192	1,200,000	\$300.00	\$28,405.48	\$6,480.00	\$0.00	\$58,080.00	\$0.00	\$93,265.48	-\$5,345.72	-5.4%
AnnAvg	%59	266	470,630	\$300.00	\$12,854.30	\$2,541.40	\$0.00	\$22,778.49	\$0.00	\$38,474.19	-\$3,896.32	-9.2%

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UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

LARGE POWER SERVICE TIME OF USE <69kV TO NEW LARGE GENERAL SERVICE TIME OF USE

	WINTER											
						BILLIMPACTS	BILL IMPACTS CURRENT RATES					
<u> </u>					Basic							
		Demand	Delivery On-	Delivery Off-Peak	Service				Base Fuel	Base Fuel		
•	Total kWh	(kW)	Peak (kWh)	(kWh)	Charge	Delivery (kW)	Delivery (kWh)	TCA	On-Peak	Off-Peak	PPFAC	Net Bill
L≯	Winter		0.16		\$1,200.00	\$22.00	\$0.000462	\$0.43290	\$0.093880	\$0.022105	-\$0.002139	
l s	Summer		0.16						\$0.123580	\$0.024716		
Small	433,335	1,281	69,334	364,001	\$1,200.00	\$28,182.00	\$200.20	\$554.54	\$6,509.04	\$8,046.25	-\$927.05	\$43,764.98
Medium	517,000	1,380	82,720	434,280	\$1,200.00	\$30,360.00	\$238.85	\$597.40	\$7,765.75	\$9,599.76	-\$1,106.04	\$48,655.72
Large	000'009	1,400	000'96	504,000	\$1,200.00	\$30,800.00	\$277.20	\$606.06	\$9,012.48	\$11,140.92	-\$1,283.60	\$51,753.06
XI [®]	775,000	1,570	124,000	651,000	\$1,200.00	\$34,540.00	\$358.05	\$679.65	\$11,641.12	\$14,390.36	-\$1,657.98	\$61,151.20
Mean	642,400	1,430	102,784	539,616	\$1,200.00	\$31,460.00	\$296.79	\$619.05	\$9,649.36	\$11,928.21	-\$1,374.31	\$53,779.10
AvgWin	627,900	1,416	100,464	527,436	\$1,200.00	\$31,152.00	\$290.09	\$612.99	\$9,431.56	\$11,658.97	-\$1,343.29	\$53,002.32
Avgwin	006/129	- 1	100,404				50'057¢		3016.33		00:T0+'66	ינייטרטידדר סרידרדיירי

Schedule H-4 (Revised 6/3/2015)

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UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014 LARGE POWER SERVICE TIME OF USE <69KV TO NEW LARGE GENERAL SERVICE TIME OF USE

SUMMER

						BILL IMPACTS	BILL IMPACTS CURRENT RATES					
					Basic							
		Demand	Delivery On-	Delivery Off-Peak	Service			-	Base Fuel	Base Fuel		
	Total kWh	(kw)	Peak (kWh)	(kwh)	Charge	Delivery (kW)	Delivery (kWh)	TCA	On-Peak	Off-Peak	PPFAC	Net Bill
	Winter		0.16		\$1,200.00	\$22.00	\$0.000462	\$0.43290	\$0.093880	\$0.022105	-\$0.002139	
	Summer		0.16						\$0.123580	\$0.024716		
Small	433,335	1,281	69,334	364,001	\$1,200	\$28,182.00	\$200.20	\$554.54	\$8,568.25	\$8,996.66	-\$927.05	\$46,774.60
Medium	517,000	1,380	82,720	434,280	\$1,200	\$30,360.00	\$238.85	\$597.40	\$10,222.54	\$10,733.66	-\$1,106.04	\$52,246.41
Large	000'009	1,400	000'96	504,000	\$1,200	\$30,800.00	\$277.20	\$606.06	\$11,863.68	\$12,456.86	-\$1,283.60	\$55,920.20
XLg	775,000	1,570	124,000	651,000	\$1,200	\$34,540.00	\$358.05	\$679.65	\$15,323.92	\$16,090.12	-\$1,657.98	\$66,533.76
Mean	642,400	1,430	102,784	539,616	\$1,200	\$31,460.00	\$296.79	\$619.05	\$12,702.05	\$13,337.15	-\$1,374.31	\$58,240.73
AvgSum	656,700	1,444	105,072	551,628	\$1,200	\$31,768.00	\$303.40	\$625.11	\$12,984.80	\$13,634.04	-\$1,404.90	\$59,110.45

						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	STAG GTOOGG	į.						
						BILL IMPACIS	BILL IMPACIS PROPOSED KALES							
					Basic									
		Demand	Delivery On-	Delivery Off-Peak	Service				Base Fuel	Base Fuel			•	
	Total kWh	(kW)	Peak (kWh)	(kwh)	Charge	Delivery (kW)	Delivery (kWh)	TCA	On-Peak	Off-Peak	PPFAC	Net Bill	\$ Change	% Change
	Winter				\$300.00	\$12.96	\$0.005400	\$0.00000	\$0.124510	\$0.032910	\$0.000000			
	Summer								\$0.145510	\$0.034510				
Small	433,335	1,281	69,334	364,001	\$300.00	\$16,601.76	\$2,340.01	00:0\$	\$10,088.73	\$12,561.69	\$0.00	\$41,892.19	-\$4,882.41	-10.4%
Medium	517,000	1,380	82,720	434,280	\$300.00	\$17,884.80	\$2,791.80	\$0.00	\$12,036.59	\$14,987.00	\$0.00	\$48,000.19	-\$4,246.22	-8.1%
Large	900,009	1,400	96,000	504,000	\$300.00	\$18,144.00	\$3,240.00	\$0.00	\$13,968.96	\$17,393.04	\$0.00	\$53,046.00	-\$2,874.20	-5.1%
XLg	775,000	1,570	124,000	651,000	\$300.00	\$20,347.20	\$4,185.00	00:0\$	\$18,043.24	\$22,466.01	\$0.00	\$65,341.45	-\$1,192.31	-1.8%
Mean	642,400	1,430	102,784	539,616	\$300.00	\$18,532.80	\$3,468.96	\$0.00	\$14,956.10	\$18,622.15	\$0.00	\$55,880.01	-\$2,360.72	-4.1%
AvgSum	656,700	1,444	105,072	551,628	\$300.00	\$18,714.24	\$3,546.18	\$0.00	\$15,289.03	\$19,036.68	\$0.00	\$56,886.13	-\$2,224.32	-3.8%

							\$ Change	% Change
t Annual						\$672,676.62		
Annual						\$652,769.04	-\$19,907.58	-2.96%

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Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

UNS Electric, Inc.

LARGE POWER SERVICE - TRANSMISSION VOLTAGE

					BILL IMPACT	BILL IMPACTS CURRENT RATES				
	Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill
				\$1,200.00	\$17.00	\$0.000462	\$0.43290	\$0.041880	-\$0.002139	-
Xsm	0.42	905	155,000	\$1,200.00	\$8,594.26	\$71.61	\$218.85	\$6,491.40	-\$331.60	\$16,244.52
Small	0.42	1,267	388,500	\$1,200.00	\$21,541.10	\$179.49	\$548.54	\$16,270.38	-\$831.13	\$38,908.37
Small	0.46	1,336	448,600	\$1,200.00	\$22,710.54	\$207.25	\$578.32	\$18,787.37	-\$959.70	\$42,523.79
Medium	0.75	2,416	1,322,700	\$1,200.00	\$41,070.14	\$611.09	\$1,045.84	\$55,394.68	-\$2,829.70	\$96,492.04
Medium	0.75	2,817	1,542,200	\$1,200.00	\$47,885.66	\$712.50	\$1,219.39	\$64,587.34	-\$3,299.28	\$112,305.61
Large	0.89	4,775	3,102,500	\$1,200.00	\$81,179.78	\$1,433.36	\$2,067.22	\$129,932.70	-\$6,637.28	\$209,175.77
Large	0.89	5,379	3,494,900	\$1,200.00	\$91,447.28	\$1,614.64	\$2,328.68	\$146,366.41	-\$7,476.76	\$235,480.26

					BIII IMPACT	RILL IMPACTS PROPOSED RATES						
	Load Factor	oad Factor Demand (kW)		Basic Service								
		,	Delivery (kWh)	Charge	Delivery (kW)	Delivery (KWh)	TCA	Base Fuel	PPFAC	Net Bill	\$ Change	% Change
				\$1,200.00	\$12.48	\$0.000520	\$0.00000	\$0.048410	\$0.000000			
Xsm	0.42	909	155,000	\$1,200.00	\$6,309.20	\$80.60	\$0.00	\$7,503.55	\$0.00	\$15,093.35	-\$1,151.17	-7.1%
Small	0.42	1,267	388,500	\$1,200.00	\$15,813.70	\$202.02	\$0.00	\$18,807.29	\$0.00	\$36,023.01	-\$2,885.36	-7.4%
Small	0.46	1,336	448,600	\$1,200.00	\$16,672.21	\$233.27	\$0.00	\$21,716.73	\$0.00	\$39,822.21	-\$2,701.57	-6.4%
Medium	0.75	2,416	1,322,700	\$1,200.00	\$30,150.31	\$687.80	\$0.00	\$64,031.91	\$0.00	\$96,070.03	-\$422.02	-0.4%
Medium	0.75	2,817	1,542,200	\$1,200.00	\$35,153.71	\$801.94	\$0.00	\$74,657.90	\$0.00	\$111,813.55	-\$492.05	-0.4%
Large	0.89	4,775	3,102,500	\$1,200.00	\$59,595.51	\$1,613.30	\$0.00	\$150,192.03	\$0.00	\$212,600.84	\$3,425.07	1.6%
Large	0.89	5,379	3,494,900	\$1,200.00	\$67,133.06	\$1,817.35	\$0.00	\$169,188.11	\$0.00	\$239,338.52	53,858.27	1.6%

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UNS Electric, Inc.

Typical Bill Comparison - Present and Proposed Rates

Test Period Ending December 31, 2014

LARGE POWER SERVICE TIME OF USE >69kV

WINTER											
				4	BILL IMPACTS CURRENT RATES	RRENT RATES					
									_		
		Delivery On-		Basic Service		(VW/h)	TCA /kW	Base Fuel On- Peak	Base Fuel Off- Peak	PPFAC	Total Net Bill
Total kWh	Demand (kW)	Peak kWh	Peak kWh	Charge	Delivery (KW)	Delivery (man.)				000000	
				\$1,200.00	\$17.00	\$0.000462	\$0.43290	\$0.093880	\$0.022105	-\$0.002139	
Winter									7111		
			000					\$0.123580	\$0.024715		
Summer		0.11								¢5 067 01	¢168 833 30
		1000	001 001 0	C1 200 00	\$86.411.00	\$1,288.98	\$2,200.43	528,811.77	\$54,888.93	10.706,66-	200000000
2,790,000	2,083	306,900		1	١	l				20 727 85	¢179 079 67
		001,080	2 602 500	\$1 200.00	\$86.411.00	\$1,455.30	\$2,200.43	532,529.42	76.1.97	1	20/2/2
3,150,000	5,083	346,500		1			ı			¢4 572 00	\$149 715.10
		777 650	1 887 350	\$1,200.00	\$86,411.00	\$977.13	\$2,200.43	\$21,841.18	\$4T,509.33	1	1000
2,115,000	5,083	050,252		1		L	l			45 811 AG	\$166.765.70
		079 901	2 418 130	\$1,200,00	\$86,411.00	0 \$1,255.25	\$2,200.43	\$28,057.92	555,452.70	1	
2,717,000	5,083	79,07	1	L	l	L	L	C 30 150 06	\$53 679 87	-\$5.830,91	\$167,020.61
000 255 5	000	299 860	0 2.426,140	\$1,200.00	\$86,411.00	51,259.41	\$2,200.43	1	1	ı	
1/1/		2000									

•								i						
					•	BILL IMPACTS PROPOSED RATES	POSED RATES							
			o di ilo	Daliyary Off-	Rasic Service				Base Fuel On-	Base Fuel Off-		Hig still him h	Change	% Change
			Delivery Oil	Denvely Off	Charge	Delivery (kW)	Delivery (kW) Delivery (kWh)	TCA /kW	Peak	Peak	PPFAC	lotal ivet biti	- Clianie	
	Total kWh	Demand (kW)	Peak KWN	FERK KWII	29.61				\$0.000110	\$0.030910				
	146.040				\$1,200.00	\$12.48	\$0.000520	\$0.00000	20.027110	2				
	winter								\$0.122510	\$0.032110	\$0.00000			
	Cummer											20 507 5=17	C3 774 E3	1 25%
	Sullilie			L	l	¢52 435 84	\$1.450.80	\$0.00	\$28,268.56	\$76,752.62	\$0.00	\$171,107.82	25,274.32	-1
Small	2,790,000	5,083	306,900	2,483,100	\$1,200.00	0.004,000	1			40000	0000	C18A 846 15	\$5.816.48	3.25%
			200		¢1 200 00	\$63.435.84	\$1,638.00	\$0.00	\$31,916.12	\$86,656.19	30.00	0.10T/CTC		
Medium	3,150,000	5,083	346,500	2,803,300	L	l	l	000	05 057 553	¢58 183 44	\$0.00	\$145,348.47	-\$4,366.63	-2.92%
	2417	5 083	232 650	1.882,350	\$1,200.00	\$63,435.84	\$1,099.80	\$0.00	\$4,445.35	200,400.				
Large	2,113,000				L	l		oc os	\$27 578 92	\$74,744.40	\$0.00	\$168,322.00	\$1,556.30	0.93%
Mean	2,717,000	5,083	298,870	2,418,130	\$1,200.00	\$63,435.84	\$1,412.04			١	0004	41/10/05/15	¢1 644 84	%860
			3000	2 425 140	¢1 200 00	\$63 435.84	\$1.417.52	\$0.00	\$27,620.10	\$74,991.99	\$0.00	¢100,001,4	ł	Т
AvgWin	2,726,000	5,083	799,860				l							

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Typical Bill Comparison - Present and Proposed Rates UNS Electric, Inc.

Test Period Ending December 31, 2014

LARGE POWER SERVICE TIME OF USE >69kV

SUMMER

					_	BILL IMPACTS CURRENT RATES	RRENT RATES					
			Delivery On-	Delivery On- Delivery Off- Basic Service	Basic Service				Base Fuel On-	Base Fuel Off-		;
	Total kWh	Demand (kW)	Peak kWh	Peak kWh	Charge	Delivery (kW)	Delivery (kWh)	TCA /kW	Peak	Peak	PPFAC	Total Net Bill
	Winter				\$1,200.00	\$17.00	\$0.000462	\$0.43290	\$0.093880	\$0.022105	-\$0.002139	
	Summer		0.11	0.89					\$0.123580	\$0.024716		
Small	2,790,000	5,083	306,900	2,483,100	\$1,200.00	\$86,411.00	\$1,288.98	\$2,200.43	\$37,926.70	\$61,372.30	-\$5,967.81	\$184,431.60
Medium	3,150,000	2,083	346,500	2,803,500	\$1,200.00	\$86,411.00	\$1,455.30	\$2,200.43	\$42,820.47	\$69,291.31	-\$6,737.85	\$196,640.66
Large	2,115,000	2,083	232,650	1,882,350	\$1,200.00	\$86,411.00	\$977.13	\$2,200.43	\$28,750.89	\$46,524.16	-\$4,523.99	\$161,539.62
Mean	2,717,000	2,083	298,870	2,418,130	\$1,200.00	\$86,411.00	\$1,255.25	\$2,200.43	\$36,934.35	\$59,766.50	-\$5,811.66	\$181,955.87
AvgSum	2,790,000	2,083	311,600	2,478,400	\$1,200.00	\$86,411.00	\$1,288.98	\$2,200.43	\$38,507.53	\$61,256.13	-\$5,967.81	\$184,896.26

	% Change			-0.55%	1.07%	-4.25%	-0.90%	-0.57%
	\$ Change			-\$1,014.30	\$2,103.29	-\$6,859.77	-\$1,646.48	-\$1,054.08
	Total Net Bill			\$183,417	\$198,744	\$154,680	\$180,309	\$183,842
	PPFAC		\$0.000000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Base Fuel Off- Peak	\$0.030910	\$0.032110	\$79,732.34	\$90,020.39	\$60,442.26	\$77,646.15	\$79,581.42
	Base Fuel On- Peak	\$0.092110	\$0.122510	\$37,598.32	\$42,449.72	\$28,501.95	\$36,614.56	\$38,174.12
	TCA /kW	\$0.00000		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
POSED RATES	Delivery (kWh)	\$0.000520		\$1,451	\$1,638	\$1,100	\$1,413	\$1,451
BILL IMPACTS PROPOSED RATES	Delivery (kW)	\$12.48		\$63,436	\$63,436	\$63,436	\$63,436	\$63,436
18	Basic Service Charge	\$1,200.00		\$1,200	\$1,200	\$1,200	\$1,200	\$1,200
	Delivery Off- Basic Service Peak kWh Charge			2,483,100	2,803,500	1,882,350	2,418,130	2,478,400
	Delivery On- Peak kWh			306,900	346,500	232,650	298,870	311,600
	Demand (kW)			5,083	5,083	5,083	5,083	5,083
	Total kWh	Winter	Summer	2,790,000	3,150,000	2,115,000	2,717,000	2,790,000
				Small	Medium	Large	Mean	AvgSum

							\$ (Change	% Change
Current Annual						\$2,111	111,501		
Proposed Annual						\$2,115	,046	\$3,545	0.17%

UNS Electric, Inc. Typical Bill Comparison - Present and Proposed Rates Test Period Ending December 31, 2014

LIGHTING SERVICE

Description	Old Rate	New Rate
New 30' Wood Pole (Class 6) - Overhead	\$4.34	\$4.68
New 30' Metal or Fiberglass - Overhead	\$8.66	\$9,35
Existing Wood Pole - Underground	\$2.18	\$2.35
New 30' Wood Pole (Class 6) - Underground	\$6.52	\$7.04
New 30' Metal or Fiberglass - Underground	\$10.81	\$11.67
Wattage, per Watt	\$0.051681	\$0.060516
Base Power Supply	\$0.010113	\$0.013110
PPFAC	-\$0.002139	SO DODODO

Customer Bill	Current Rates	Proposed Rates	<u>\$Change</u>	%Change
100 Watt	\$5.17	\$6.05	\$0.88	17.02%
150 Watt	\$7.75	80.6\$	\$1.33	17.16%
200 Watt	\$10.34	\$12.10	\$1.76	17.02%
250 Watt	\$12.92	\$15.13	\$2.21	17.11%
400 Watt	\$20.67	\$24.21	\$3.54	17.13%
Existing Wood Pole OH	\$4.34	\$4.68	\$0.34	7.83%
New 30' Wood Pole OH	99.8\$	\$9.35	\$0.69	7.97%
New 30' Metal or FG OH	\$2.18	\$2.35	\$0.17	7.80%
Existing Wood Pole UG	\$6.52	\$7.04	\$0.52	7.98%
New 30' Wood Pole UG	\$10.81	\$11.67	\$0.86	7.96%
New 30' Metal or FG UG	\$0.05	90:0\$	\$0.01	17.10%

\$0.45

Typical

New Rate Days	82	Proration 100%
Old Rate Days	0	%0
Total Days	28	
Total kWh billed	150	
<u>Detail of Services Billed</u>	Wattage	Units Billed
100 Watt	100	1
150 Watt	150	1
200 Watt	200	1
250 Watt	250	Ţ
400 Watt	400	1
Existing Wood Pole OH		S
New 30' Wood Pole OH		0
New 30' Metal or FG OH		0
Existing Wood Pole UG		0
New 30' Wood Pole UG		0
New 30' Metal or FG UG		0